STATE OF CALIFORNIA

The Resources Agency

Department of Water Resources

BULLETIN No. 130-65

HYDROLOGIC DATA: 1965

Volume V: SOUTHERN CALIFORNIA

APRIL 1967

RONALD REAGAN
Governor
State of California

WILLIAM R. GIANELLI
Director
Department of Water Resources

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ORGANIZATION OF BULLETIN NO. 130 SERIES

Volume I - NORTH COASTAL AREA

Volume II - NORTHEASTERN CALIFORNIA

Volume III - CENTRAL COASTAL AREA

Volume IV - SAN JOAQUIN VALLEY

Volume V - SOUTHERN CALIFORNIA

Each volume consists of the following:

TEXT and

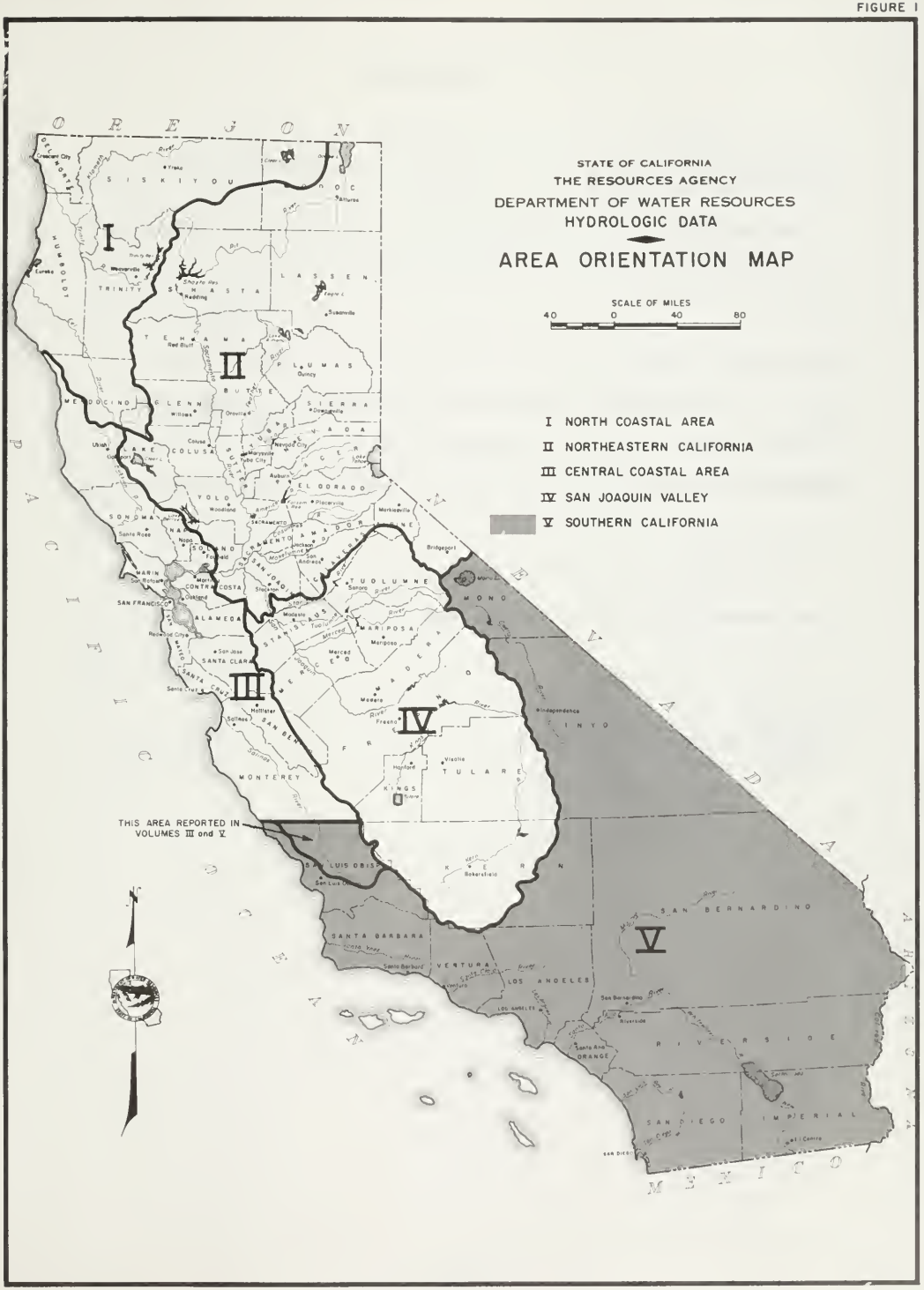
Appendix A - CLIMATE

Appendix B - SURFACE WATER FLOW

Appendix C - GROUND WATER MEASUREMENTS

Appendix D - SURFACE WATER QUALITY

Appendix E - GROUND WATER QUALITY


STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES
HYDROLOGIC DATA
AREA ORIENTATION MAP
SCALE OF MILES
40 0 40 80
I NORTH COASTAL AREA
II NORTHEASTERN CALIFORNIA
III CENTRAL COASTAL AREA
IV SAN JOAQUIN VALLEY
V SOUTHERN CALIFORNIA
THIS AREA REPORTED IN VOLUMES III and V
OREGON
NEVADA
PACIFIC OCEAN
MEXICO
SISKIYOU
TRINITY
HUMBOLDT
DEL NORTE
SHASTA
LASSEN
MODOC
TEHAMA
PLUMAS
BUTTE
SIERRA
GLENN
MENDOCINO
COLUSA
LAKE
YOLO
SONOMA
NAPA
SOLANO
SACRAMENTO
EL DORADO
AMADOR
ALPINE
CALAVERAS
TUOLUMNE
MARIN
CONTRA COSTA
SAN FRANCISCO
ALAMEDA
SAN JOAQUIN
STANISLAUS
MARIPOSA
MONO
SANTA CLARA
SANTA CRUZ
SAN BENITO
MERCED
MADERA
FRESNO
INYO
MONTEREY
KINGS
TULARE
KERN
SAN LUIS OBISPO
SANTA BARBARA
VENTURA
LOS ANGELES
SAN BERNARDINO
RIVERSIDE
ORANGE
SAN DIEGO
IMPERIAL

METRIC CONVERSION TABLE

ENGLISH UNIT	EQUIVALENT METRIC UNIT	
Inch (in)	2.54	Centimeters
Foot (ft)	0.3048	Meter
Mile (mi)	1.609	Kilometers
Acre	0.405	Hectare
Square mile (sq. mi.)	2.590	Square kilometer
U. S. gallon (gal)	3.785	Liters
Acre foot (acre-ft)	1,233.5	Cubic meters
U. S. gallon per minute (gpm)	0.0631	Liters per second
Cubic feet per second (cfs)	1.7	Cubic meters per minute

FOREWORD

The Bulletin No. 130 series of reports is an integral part of the basic data program of the Department. This program has been designed to supplement the activities of other agencies by collecting data not available elsewhere and by publishing hydrologic data in a single series of publications.

This series of reports contains data on climate, surface water, and ground water previously published annually in Bulletins Nos. 23, 39, 65, 66, and 77. The series will be published annually in five volumes, each volume to report hydrologic data for one of five specific reporting areas of the State.

The collection and publication of data in this report are authorized by Sections 225, 226, 228, and 229 of the Water Code of the State of California.

William R. Gianelli

William R. Gianelli, Director
Department of Water Resources
The Resources Agency
State of California
February 8, 1967

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(Appendixes A and B are bound here with the text of Volume V of Bulletin No. 130-65. Appendix C is bound separately under one cover. Appendixes D and E are bound separately under a third and fourth cover.)

FIGURES

ACKNOWLEDGMENT

The Department of Water Resources gratefully acknowledges the assistance and contributions of the many public agencies, private organizations, and individuals whose cooperation has greatly facilitated the preparation of this bulletin. In this regard, special mention is made of the following:

City of Long Beach
City of Los Angeles
City of San Diego
Coachella Valley County Water District
Imperial Irrigation District
Los Angeles County Flood Control District
Orange County Flood Control District
Riverside County Flood Control and Water Conservation District
San Bernardino County Flood Control District
San Bernardino Valley Water Conservation District
San Luis Obispo County Flood Control and Water Conservation District
The Metropolitan Water District of Southern California
United States Army Corps of Engineers
United States Geological Survey
United States Weather Bureau
Ventura County Flood Control District

State of California
The Resources Agency
DEPARTMENT OF WATER RESOURCES

RONALD REAGAN, Governor, State of California
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Reviewed and coordinated by Statewide
Planning Office, Data Coordination Branch

ABSTRACT

Report contains data on precipitation, runoff, reservoir storage, and water imported to Southern California for the 1964-65 water year. Foldout plates show drainage province boundaries, location of hydrologic areas within the drainage province, and lines of equal seasonal and mean precipitation.

INTRODUCTION

The Department of Water Resources is concerned with the orderly development, use, and protection of California's water resources. These resources must, therefore, be measured and monitored regularly, and the results made public. The objective of the hydrologic data program of the Department is to supplement the data activities of other agencies so as to fulfill the specific needs of the Department and the State.

This report contains data obtained by the Department and its cooperators for only the 1965 reporting year. Persons desiring additional information for previous years should contact the Department.

A summary of the hydrologic data programs in Southern California is shown in Table 1.

Climate

The objectives of the climate program are to provide sufficient historical records of the climate to plan water development projects to meet the social, economic, and physical needs of the people of California; to record the occurrence of climatic factors quantitatively with time and location; and to report the historical record annually.

Data concerning duration, frequency, and intensity of precipitation over an entire drainage area are required in the planning and designing of flood control facilities, spillways, canals, culverts, and local drainage systems. In addition, historical information must also be available in order to evaluate the seasonal and cyclic occurrence of the

TABLE 1

SUMMARY OF HYDROLOGIC DATA PROGRAMS
IN SOUTHERN CALIFORNIA

Program	Origin	Authorization	Type collected	Data collected by:	Frequency of reported data	Number of stations reported
Climate	1921	Sec. 228 of Water Code	Precipitation	Cooperators	Monthly	760
				USWB	Monthly	185
Surface water measurement	1921	Secs. 225, 226 of Water Code	Streamflow	DWR	Daily	5
				Cooperators	Annually	17
			Diversions	Cooperators	Annually	5
			Importations	Cooperators	Annually	2
			Reservoir content	Cooperators	Monthly	31
Ground water measurement	1921	Secs. 225, 226 of Water Code	Depth to ground water	DWR	Semiannually	750
				Cooperators	Weekly	250
					Every other week	390
					Monthly	3390
					Every other month	960
					Quarterly	600
					Semiannually	1120
					Annually	740
Surface water quality	1951	Sec. 229 of Water Code	Complete mineral	DWR	Monthly	25
					Every other month	19
					Semiannually	5
				Cooperators	Monthly	5
			Trace elements	DWR	Semiannually	17
			Bacteriological	DWR	Monthly	25
					Every other month	19
					Semiannually	5
				Cooperators	Monthly	2
			Radiological	DWR	Semiannually	49
				Cooperators	Weekly	1
					Monthly	2
Ground water quality	1953	Sec. 229 of Water Code	Complete mineral	DWR	Annually and at unscheduled intervals	1100
				Cooperators	Annually and at unscheduled intervals	1000
			Radiological	DWR	Annually	50

precipitation for the proper sizing of water supply facilities. Climatological data are also needed for the optimum operation of water supply, flood control, recreational, and hydroelectric facilities.

Daily precipitation records for the 1965 water year were collected from all known active stations in Southern California. In the past, only annual precipitation records for selected stations were collected and published, but because of the increasing needs of the Department, daily records are now collected. Monthly totals of precipitation data gathered by the Department are published in Appendix A, which is bound with this book.

Surface Water Measurements

The objective of the surface water measurement program is to provide sufficient historical records of surface water to plan water development projects to meet the social, economic, and physical needs of the people of California.

Surface water measurements of streamflow, stage, and diversions are needed for planning, designing, and operating water supply, flood control, recreational, and hydroelectric facilities.

For the most part, the objective is met through measurement programs operated by the U. S. Geological Survey, some of which are cooperative with the Department, and by measurement programs of local agencies. Streamflow data collection by the Department in Southern California is limited to stream-gaging stations in the vicinity of the State Water Project on Castaic Creek, Elizabeth Lake Canyon Creek, and the West Fork of the Mojave River and its tributaries.

No significant changes were made in the program during the 1965 water year. Among the data collected are information on flow from selected streams, water stored in reservoirs, water diverted from the Colorado River for use in California, and importation of water to coastal Southern California. These data are presented in Appendix B, which is bound in this book.

Ground Water Measurements

The objectives of the ground water measurement program are to provide a general knowledge of the ground water resources of the State and to provide data for the planning and development of the ground water resources. To attain these objectives in Southern California, the Department acts as the coordinating and central compilation agency while encouraging local agencies to perform the field measurements.

Because ground water is the major source of supply beneficially used in Southern California, ground water levels are essential for all studies of this resource.

No significant changes were made in the program during the 1965 reporting year. By cooperation with other agencies, the Department collected all available data on ground water levels. These data are presented in Appendix C, which is bound separately.

Surface Water Quality

The objectives of the surface water quality program are to determine the quality of the State's surface waters through a network of sampling stations representative of all significant streams and lakes in

the State, to detect changes in quality and alert control agencies when adverse changes are noted, to determine trends in surface water quality, to record and catalogue the data in a readily available form, and to disseminate the data and information gathered to interested agencies.

The chemical, bacteriological, and radiological data collected under this program are essential to various programs of water quality protection or control and are indispensable to the formulation of plans for the coordinated operation of surface and underground storage.

No significant changes were made in the program during the 1965 water year. Data are presented in Appendix D which is bound separately.

Ground Water Quality

The objective of the ground water quality data program is to provide meaningful, reliable, and representative information to define the quality conditions of ground water bodies in reference to occurrence, movement patterns, and change of conditions.

The chemical and radiological data collected under this surveillance program are required in the protection of the State's underground water resources and are essential for solving the problems met in managing and planning for utilization of the water supplies.

No significant changes were made in the program during the 1965 water year. Data collected by the Department and its cooperators are presented in Appendix E which is bound separately.

APPENDIX A

CLIMATE

Introduction

An index of all active climatological stations in Southern California is shown in Table A-1.

The overall view of climatic conditions in Southern California is presented in Table A-2, which shows the seasonal precipitation during 1964-65 and percent of the 50-year mean at selected stations.

Precipitation characteristics at four long-term stations are shown on Figures A-1 through A-4. Values of the cumulative monthly precipitation for a 50-year mean period and for 1964-65 at these four stations are included in Table A-3.

Plate 7, which is bound at the back of this book, contains lines of equal seasonal precipitation during 1964-65 and the 50-year mean precipitation for Southern California.

Monthly precipitation from July 1964 through September 1965 at 945 stations in Southern California is presented in Table A-4.

The reporting period for climatological data is July 1 through June 30. Additional climatologic data for the period July 1, 1965, through September 30, 1965, are also included in this 1965 report.

Measurement Techniques

Definitions

The definitions of terms used in this appendix are as follows:

Precipitation is the total measurable supply of water of all forms of falling moisture, including dew, rain, mist, snow, hail, and sleet, expressed as depth of liquid water on a horizontal surface for a specified length of time.

Mean is the value obtained by dividing the sum of a series of values by the number of values in the series.

Season (seasonal) refers to the accumulation of data for some specific phenomenon over a period of 12 consecutive months.

Methods and Procedures

Most of the climatic stations use standard meteorological equipment. Wherever possible, observers are encouraged to use methods prescribed by the United States Weather Bureau.

The Department cooperates with the Weather Bureau and local agencies in the collection of precipitation data. However, this collection is dependent, for the most part, on the cooperation of local observers, who measure the amount of precipitation that falls during a storm or a known period of time, usually 24 hours. Measurements in the precipitation gage are made with a calibrated ruler or read from a recorder chart.

Accuracy

Precipitation gage measurements are generally accurate to $\pm$ 0.01 inch.

Coding

To facilitate processing of precipitation data, codes are used to designate hydrologic areas, precipitation stations, and other information. These codes are described below:

Hydrologic Area Coding System - To provide uniform boundaries that are significant both geologically and hydrologically, the Department of Water Resources has developed an areal code designation system. It relates areas that are interconnected hydrologically so that the filing,

separation, and recovery of data can be handled by machine. A further advantage of this coding system is that it can be used throughout the State. This system, as developed for Southern California, is described in an office report entitled, "Names and Areal Code Numbers of Hydrologic Areas in the Southern District", dated April 1964.

The areal designation system for Southern California covers a series of major drainage provinces which are further subdivided into hydrologic units, hydrologic subunits, and hydrologic subareas. Plates 1 through 6 show the locations and code numbers of the hydrologic subdivision in each drainage province.

Precipitation Station Numbering System - Precipitation stations are identified by name and number. The numbering system used by the Department was developed to facilitate station identification by data processing machines. Station numbers are composed from three components - hydrologic area code, alpha order number, and subnumber. The first character of the hydrologic area code refers to the drainage province. The second and third characters refer to the hydrologic unit. The alpha order number is a four digit number assigned each station to denote its order in alphabetical sequence, mainly for machine processing. The subnumber is a two digit number added to the alpha number to maintain the alphabetical order of all station names.

40-Acre Tract - This denotes the location of the station within the section. Each section is divided into 40-acre tracts and lettered as follows:

D	C	B	A
E	F	G	H
M	L	K	J
N	P	Q	R

Note that "I" and "O" are omitted in the grid above.

Base and Meridian - The codes used in this volume refer to the Mount Diablo Base and Meridian (M) or the San Bernardino Base and Meridian (S).

Cooperator Number - The cooperator number used in this report for precipitation data indicates the cooperator supplying the data. The cooperator numbers used and their names are given below:

Number	Name
004	Southern California Edison Company
011	Southern Pacific Company
014	California American Water Company
015	Escondido Mutual Water Company
016	Temescal Water Company
017	Gage Canal Company

Number	Name
018	Foothill Lemon Company
019	Fontana Union Water Company
405	City of Los Angeles, Department of Water and Power
406	City of San Diego
410	Los Angeles County Flood Control District
415	Orange County Flood Control District
416	Ventura County Flood Control District
417	The Metropolitan Water District of Southern California
429	San Bernardino County Flood Control District
430	San Luis Obispo County Flood Control and Water Conservation District
431	Riverside County Flood Control and Water Conservation District
432	Vista Irrigation District
433	Helix Irrigation District
436	City of San Bernardino Water Department
808	State Division of Forestry
809	State Division of Highways - Maintenance Stations
813	State Department of Water Resources - Southern District
900	U. S. Weather Bureau (Published records)
907	U. S. Weather Bureau (Unpublished records)
913	U. S. Corps of Engineers, Los Angeles District
914	U. S. Marine Corps, Camp Pendleton
916	U. S. Geological Survey

County Code - The county code is a standard machine processing code for California counties and adjacent areas. The county codes used in this report are given below:

County	Code
Imperial	13
Inyo	14
Kern	15
Los Angeles	70
Mono	26
Monterey	27
Orange	30
Riverside	33
San Bernardino	36
San Diego	90
San Luis Obispo	40
Santa Barbara	42
Ventura	56

DATA

CLIMATE

TABLE A-1
INDEX OF CLIMATOLOGICAL STATIONS FOR 1964-65
SOUTHERN CALIFORNIA

Station Number	Station Name	Elevation in Feet	Section	Township	Range	40 Acre Tract	Base and Meridian	Latitude Degrees	Latitude Minutes	Latitude Seconds	Longitude Degrees	Longitude Minutes	Longitude Seconds	Cooperator Number	Cooperator's Index Number	Record Began	Record Ended	Number of Missing Years	County Code
U03 14	ACTON ESCONDIDO CNYN	2920	30	5N	13W		S	34	29	31	118	16	30	410	F 2618	1897			70
U03 14-01	ACTON ALISO CANYON	3900		4N	12W		S	34	24	02	118	05	33	410	F 423A	1937			70
U03 14-02	ACTON ALISO CNYN BLUM	2900						34	27	33	118	09	20	410	F 341	1932			70
U03 14-03	ACTON CAMP 2	2625						34	27	02	118	11	55	410	F 2500	1930			70
U03 14-04	ACTON-COLOMBO RCH	3000						34	25	41	118	11	52	410	F 420C	1927			70
U03 14-05	ACTON HUBBARD RCH	3490	16	5N	13W		S	34	31	31	118	13	58	410	F 2748	1897			70
W28 24	ADELANTO	2845	21	6N	5W	N	S	34	35	21	117	24	50	900	S8 89A	1945			36
W03 50-51	ALABAMA HILLS	3725						36	40	15	118	05	40	405					14
U03 72-15	ALAMO MT STORAGE GAGE	6675	25	7N	20W		S	34	40	11	118	57	08	416	V 211	1959			56
U05 84-60	ALCAZAR FLOOD CONTROL	400						34	03	46	118	11	54	410	F 1918	1929			70
U05 85	ALDER CRK PARADISE	2330		3N	14W		S	34	19	48	118	19	03	410	F 705	1941			70
U05 102-02	ALHAMBRA-CITY HALL	533					S	34	06	05	118	07	52	410	F 110B	1927			70
Y01 114-51	ALISO CYN COOK	1080						33	40	59	117	37	12	415	O 151A				30
U05 115	ALISO CANYON OAT MTN	2367	28	3N	16W		S	34	18	53	118	33	25	410	F 446	1939			70
Z07 136	ALPINE	1740	27	15S	2E		S	32	50		116	46		900		1952			90
U05 140-01	ALTA CANYON	2020						34	13	39	118	12	40	410	F 1758	1919			70
U05 144	ALTADENA	1125		1N	12W		S	34	10	55	118	08	15	410	F 176	1921			70
U05 144-04	ALTADENA GOLF	1186						34	10	48	118	07	01	410	F 611C	1899			70
Y01 145-05	ALTA LOMA SB 175	1865	27	1N	7W			34	07	25	117	36	27	429	S8175	1953			36
U03 179-10	AMERICAN C SUGAR CO	60						34	12	17	119	04	04	416	V 3	1902			56
Y01 192-01	ANAHEIM AUTOMATIC							33	49	12	117	54	48	415	O 167				30
Y01 193	ANAHEIM CARROLL RCH	105						33	49	54	117	57	54	415	O 91	1924			30
Y01 194	ANAHEIM WATER WORKS	150	15	4S	10W		S	33	49	46	117	54	42	415	O 33	1880			30
W26 195-07	ANAVERDE-PLATT	2875						34	35	22	118	12	15	410	F11088	1955			70
U05 208-11	ANGELES CREST G S	2300						34	14	05	118	11		410	F 726B	1945			70
U05 208-12	ANGELES CREST HWY	2800						34	15	21	118	11	45	410	F 498	1945			70
U05 208-20	ANGELES CRE HWY GRIZ	3050						34	15	33	118	11	32	410	F*X30	1957			70
W26 222-01	ANTELOPE VLY FLO STA	2450					S	34	42	12	118	18	32	410	F1106	1955			70
Z02 235	AN2A	3915	21	7S	3E	B	S	33	33		116	40	30	900		1947			33
T12 239	APACHE CAMP	4965	16	9N	23W		S	34	52		119	20		416	V 161	1940			56
W28 244	APPLE VALLEY	2935	17	5N	3W		S	34	31	25	117	12	52	900	S8 136	1958			36
U05 251-01	ARCADIA ARBORETUM	565		1N	11W		S	34	08	48	118	02	59	410	F1037E	1950			70
U05 251-02	ARCADIA PP 1	611					S	34	09	32	118	02	02	410					70
Y01 264	ARLINGTON	830	8	3S	5W		S	33	55	07	117	26	01	431	R	1963			33
Y01 264-01	ARLINGTON GAGE CANAL	1000						33	53	50	117	24	55	17	16061				33
W28 310	ARROWHEAD R S	5593	27	2N	3W			34	14	20	117	11	25	429	S8107				36
U05 311-11	ARTESIA	52						33	51	48	118	04	58	410	F 2088	1917			70
T10 320	ARROYO GRANDE	110	21	32S	13E		M	35	07	24	120	34	24	900		1939			40
T10 320-20	ARROYO GRANDE NO 5	135	28	32S	13E		M	35	07	10	120	35	25	430	L 147	1956			40
U05 327	ARROYO SECO R S	1220	31	2N	12W		S	34	12	33	118	10	12	410	F 508C	1917			70
U05 355	ASSOC OIL ANAHEIM 1	340	13	3S	10W		S	33	54		117	53		900		1941			30
T09 358-05	ATASCADERO LAKE	915	27	28S	12E	B	M	35	28		120	40	20	430	L 167	1964			40
T09 359	ATASCADERO PUMP STA	1205	4	28S	13E		M	35	31	30	120	34	30	430	L 133	1951			40
T09 360-01	ATASCADERO SDH	950	23	28S	12E		M	35	29		120	39	30	430	L 145	1954			40
T09 360-20	ATASCADERO NW	920	16	28S	12E		M	35	29	45	120	11	20	430	L 160	1962			40
T09 361-01	ATASCADERO AMWC	835	10	28S	12E		M	35	30	06	120	39	36	430	L 34	1913			40
U03 372-11	ATMORE MEADOW	4325						34	41	18	118	36	16	410	F11198	1956			70
U06 395	AVALON PLEASURE PIER							33	21		118	20		900		1931			70
T10 406	AVILA	115	36	31S	12E		M	35	10	48	120	43	18	430	L 55	1931			40
U05 410	AZUSA CITY PARK	612	35	1N	10W	D	S	34	08	03	117	54	17	410	F 1438	1928			70
U05 410-01	AZUSA FOOTHILL RCH	615						34	07	57	117	53	32	410	F 998	1913			70
U05 410-02	AZUSA GRIFFITH RCH	585						34	06	53	117	53	23	410	F 1788	1955			70
U05 410-04	AZUSA PLT-GIC	682						34	08	54	117	54	48	410	F 3128	1930			70
U05 431-01	BAILEY DEBRIS DAM	1180						34	10	25	118	03	38	410	F 179G	1958			70
W28 436	BAKER	940	30	14N	9E		S	35	16		116	04		900	S8160	1953			36
W28 437	BAKER 9 NNW	1045	15	15N	8E		S	35	23		116	07		900	S8 161	1953			36
U03 450-10	BALCOM CYN HUMPHREY R	800						34	18	51	118	58	21	416	V 206	1960			56
U05 453-01	BALDWIN HILLS	392						34		08	118	22	32	410	F 461	1940			70
U05 453-02	BALDWIN HILLS RES	460						34		25	118	21	47	410	F 799				70
U05 455	BALDWIN PARK	386	9	1S	10W		S	34	05	36	117	57	40	410	F 347E	1931			70
X19 489	BANNING	2315	9	3S	1E		S	33	55	43	116	52	33	431	R	1913			33
U03 506-11	BARDSDALE YOUNG RCH	400						34	21	54	118	56	42	416	V 76	1932			56
U05 507-11	BARLEY FLAT	5525						34	16	40	118	04	40	410	F1121	1956			70
U05 508-11	BARLOW SANITARIUM	450						34	04	31	118	14	46	410	F 774	1947			70
U05 509	BARNESON PARK	575	5	3S	9W			33	56		117	51		900					30
U02 513-11	BARRE H OJAI RCH	800						34	26	28	119	13	13	416	V 153				56
Z11 514	BARRETT DAM	1623	22	17S	3E		S	32	41		116	40		406		1916			90
W28 519	BARSTOW	2142	6	9N	1W		S	34	54		117	01		900	SB 112	1916			36
W28 519-02	BARSTOW-2	2150	1	9N	2W		S	34	54		117	47		429	S8100	1958			36
W28 519-06	BARSTOW COUNTY YARD	2120	32	10N	1W		S	34	56		117	01	26	429	S8219				36
W28 519-15	BARSTOW SHERIFF DEPT	2280	6	9N	2W		S	34	53	40	117	01	25	429	S8234				36
U05 563-12	BEAR CANYON FC1112	4025						34	17	04	117	51	58	410	F1112				70
U05 563-30	BEAR CR CRYSTAL LAKE	5480						34	19	33	117	51	42	410	F1163	1963			70
W26 564-10	BEAR GULCH	7880						34	21	58	117	41	27	410	F*X25	1957			70
Y02 606	BEAUMONT	2610	10	3S	1W		S	33	56		116	58		900	S8 29	1931			33

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Station Number	Station Name	Elevation in Feet	Section	Township	Range	40 Acre Tract	Base and Meridian	Latitude Degrees	Latitude Minutes	Latitude Seconds	Longitude Degrees	Longitude Minutes	Longitude Seconds	Cooperator Number	Cooperator's Index Number	Record Began	Record Ended	Number of Missing Years	County Code
Y02 607	BEAUMONT PUMPING PL	3045	23	2S	1W		S	33	59		116	58		900	SB 30	1924			33
Y01 609	BEAUMONT 1 E	2600	11	3S	1W		S	33	56		116	57	01	900	SB 38	1942			33
Y01 609-12	BEAUMONT F C STA		11	3S	1W		S							431					33
U05 619	BEL AIR FC 10	540						34	05	12	118	26	48	900		1928			70
U05 626-01	BELL FIRE STA	145						33	58	45	118	11	16	410	F 192C	1928			70
W26 630	BELLVIEW	2880						34	37	23	118	13	55	410	F 722C	1948			70
X19 699	BERMUDA DUNES	100	7	5S	7E		S	33	44	38	116	17	15	431	R	1964			33
T10 718-05	BETTENCOURT	745	5	31S	14E		M	35	15	15	120	29	45	430	L 153	1959			40
U05 722-11	BEVERLY HILLS	290						34	04	27	118	23	57	410	F 228B	1925			70
Y01 741	BIG BEAR LAKE	6750						34	15		116	55		900					36
Y01 741-01	BIG BEAR LAKE F O	6780	19	2N	1E		S	34	14	40	116	54	24	429	SB 90	1950			36
Y01 742	BIG BEAR LAKE DAM	6815	22	2N	1W		S	34	14		116	58		900	SB 32	1892			36
Y01 743-01	BIG BEAR CITY	6775	14	2N	1E		S	34	15	43	116	50	36	429	SB 91A	1942			36
U05 758	BIG DALTON DAM	1575	15	1N	9W		S	34	10	06	117	48	36	410	F 223B	1930			70
U05 758-01	BIG DALTON-MONROE	1825						34	10	34	117	48	26	410	F 724B	1939			70
W28 779	BIG PINES PARK	6860	2	3N	8W		S	34	22	45	117	41	28	410	F 83B	1926			70
U05 785-01	BIG SANTA ANITA DAM	1400	10	1N	11W		S	34	11	03	118	01	12	410	F 63C	1927			70
U05 785-02	BIG SANTA ANITA R S	2175						34	11	46	118	01	20	410	F1046B	1950			70
U05 798	BIG TUJUNGA DAM	2315	1	2N	13W		S	34	17	31	118	11	15	900	460 E	1917		4	70
W03 819	BISHOP CREEK INTAKE	8150	16	8S	31E		M	37	15		118	35		900					26
W03 822	BISHOP WB AIRPORT	4108	5	7S	33E		M	37	22		118	22		900		1899			14
W03 824	BISHOP UNION CARBIDE	9390	5	7S	30E		M	37	22		118	43		900		1957			14
U03 871-11	BLACK STOCK	855						34	15	31	118	45	13	416	V 155				56
U03 877-11	BLANCHARD INV CO	277						34	21	23	119	04	25	416	V 48	1896			56
Y01 887	BLOOMINGTON	1100	22	1S	5W		S	34	04	08	117	23	49	429	SB106	1952			36
Y01 900-11	BLUE CUT	2560	13	2N	6W			34	15	30	117	27	58	429	SB103				36
W28 900-52	BLUE JAY WEST	5440						34	14	28	117	13	06	429	SB209				36
U05 904-10	BLUE RIDGE CAMP	8450						34	20	57	117	40	23	410	F*X26	1957			70
X15 924	BLYTHE	266	32	6S	23E		S	33	36	45	114	35	45	900		1931			33
X15 927	BLYTHE CAA AIRPORT	390	31	6S	22E		S	33	37		114	43		900		1940			33
X15 927-05	BLYTHE AIR BASE		33	6S	23E		S												33
X15 928	BLYTHE F C STA		32	6S	23E		S							431	R				33
U05 930	BOBCAT CANYON	4720						34	16	49	118		08	410	F1102B	1955			70
Z09 968	BONITA	105		17S	2W		S	32	40		117	02		900		1899			90
U03 978-51	BORGSTROM	200						34	16	47	119	15	27	416	V 67				56
X22 983	BORREGO DESERT PARK	750	25	10S	5E		S	33	16		116	25		900		1943			90
X22 986	BORREGO SPRINGS 3NNE	625	21	10S	6E		S	33	17		116	21		900		1945			90
X22 1009	BOULEVARD	3350	28	17S	7E	C	S	32	40		116	17		900		1924			90
U03 1013	BOUQUET CANYON	3055	28	6N	14W	B	S	34	35	14	118	21	45	900	F 124B				70
U03 1013-01	BOUQUET CANYON FC1104	1760						34	30	35	118	27		410	F1104	1955			70
T09 1018-30	BOWMAN RANCH	1880	36	29S	16E		M	35	21	30	120	13		430	L 163	1962			40
U05 1028-11	BRADBURG DEBRIS BASIN	935		93K				34	09	23	117	57	58	410	F1080B	1955			70
T09 1034	BRADLEY	540	8	24S	11E		M	35	52		112	48		900		1946			27
U05 1043-41	BRAND DEBRIS BASIN	890						34	11	04	118	16	32	410	F 198B				70
U05 1043-51	BRAND PARK	1250						34	11	18	118	16	20	410	F 210B	1928			70
X23 1048	BRAWLEY 2 SW	100	7	14S	14E		S	32	57		115	33		900		1909			13
U05 1056	BREA CITY	350						33	55		117	54		900	PN8119	1957			30
U05 1057	BREA DAM	275	21	3S	10W		S	33	53	26	117	55	36	900					30
U05 1057-01	BREA UNION OIL	375						33	55	46	117	54	53	410	F1094	1924			30
U05 1087-10	ARIGOEN RES NO 1	1020						34	10	15	118	06	40	410	F1151	1961			70
U05 1090-11	BRIGGS TERRACE	2225					S	34	14	17	118	13	27	410	F 373B	1933			70
Y01 1129-11	BRUSH CANYON	1475	10	1N	4W			34	10	46	117	17	11	429	SB133	1957			36
U05 1148-02	BUCKHORN FLAT	6760						34	20	44	117	55	08	410	F1062	1953			70
T09 1149-20	BUCKHORN RANCH	1950	13	31S	17E		M	35	14		120	06		430	L 154	1959			40
U05 1168	BUENA PARK	75	35	3S	11W		S	33	51	57	117	59	50	415	O 5A	1927			30
U05 1192	BURBANK FIRE DEPT	680	12	1N	14W		S	34	10	58	118	18	23	410	F 226B	1930			70
U05 1194	BURBANK WB AIRPORT	699						34	11	47	118	21	11	900		1931			70
W26 1202	BURKHART RCH LEWIS	4615	25	4N	10W		S	34	25	12	117	53	11	410	F 517B	1918			70
X19 1250	CABAZON	1815	16	3S	2E		S	33	55		116	47		900		1939			33
Z08 1252	CABRILLO NAT MON	410	31	17S	4W		S	32	40		117	15		900		1952			90
T14 1253	CACHUMA DAM	780	29	6N	29W		S	34	35		119	59		900		1951			42
W01 1266	CAIN RANCH	6980	3	1S	26E	C	M	37	53	32	119	05	30	405		1931			26
Y01 1266-51	CAJALCO 1	1520	12	4S	5W		S	33	50	06	117	21	02	431	R	1955			33
Y01 1266-52	CAJALCO 2	1540	12	4S	5W		S	33	50	28	117	21	30	431	R				33
Y01 1267-01	CAJON JUNCTION	3118	26	3N	6W		S	34	18	36	117	28	24	429	SB 16A	1943			36
W28 1272	CAJON WEST SUMMIT	4790	35	4N	7W		S	34	23		117	34		900	SB 52	1939			36
U05 1274	CALABASAS	924						34	09	24	118	38	14	410	F 5B	1927			70
X23 1288	CALEXICO 2 NE	12	7	17S	15E		S	32	41		115	28		900		1942			13
Y01 1308-05	CALIMESA	2400	13	2S	2W		S	34		13	117	03	29	431	R	1957			33
U03 1336	CAMARILLO 2 SE	123	6	1N	20W	B	S	34	12	18	119		46	900		1955			56
U03 1338	CAMARILLO 4 NNW	352	10	2N	21W		S	34	16	22	119	04	38	416	V 195	1955			56
T10 1341-01	CAMBRIA STEINER	150	23	27S	8E		M	35	33	54	121	04	42	430	L 77	1938			40
T10 1341-02	CAMBRIA HWY MAINT	60	21	27S	8E		M	35	34	30	120	22	30	430	L 74	1937			40
Y01 1369	CAMP ANGELUS	5770	27	1N	1W	O	S	34	09		116	59		900	SB 53	1939			36

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U05 1405-11	CAMP JOSEPHO	660					S	34	04	51	118	31	10	410	F1052	1952			70
Z11 1424	CAMPO	2630						32	37		116	28		900		1959			90
Y01 1424-01	CAMPO 5NW	3000	32	17S	5E		S	32	38		116	30		907		1926	1934		90
T09 1439	CAMP ROBERTS	600	35	24S	11E		M	35	48		120	44	48	430	L 109	1945			27
U05 1440	CAMP RINCON	1510	30	2N	9W		S	34	14	28	117	51	45	410	F 349D	1932			70
T10 1444	CAMP SAN LUIS OBISPO	625	9	30S	12E		M	35	21		120	41		900		1941			40
U05 1468-11	CAMP VALCREST	5900					S	34	20	40	117	58	41	410	F1007C	1946			70
U03 1471-19	CAMULOS RANCH	720						34	24	20	118	45	20	416	V 170	1956			56
U02 1472-11	CANADA LARGA	800						34	22	25	119	13	42	416	V 85				56
U05 1484	CANOGA PARK PIERCE C	794	8	1N	16W		S	34	10	53	118	34	23	410	F1051	1949			70
W25 1488	CANTIL	2010	23	30S	37E		M	35	18		117	58		900		1955			15
T09 1498-15	CANYON RANCH	1200	35	27S	15E		M	35	32		120	20		430	L 138	1952			40
Z01 1507	CAPISTRANO BEACH	20						33	27	56	117	41	12	415	O 164				30
U05 1518	CARBON CANYON GILMAN	1625	12	3S	9W		S	33	56		117	47		900	SB 41	1949			30
Y01 1557-31	CASA COLINA	680	16	2S	8W			33	59	30	117	43	10	429	SB 20C				36
U02 1558	CASITAS DAM	369	6	3N	23W		S	34	22		119	20		907		1959			56
U02 1558-12	CASITAS RANCH	400						34	22	06	119	20	12	416	V 4	1927			56
U02 1559	CASITAS RESERVOIR		29	4N	23W		S	34	24		119	18		907		1959			56
U03 1562-11	CASTAIC PATROL STA	1066						34	27	54	118	36	57	410	F 451B	1957			70
U03 1562-21	CASTIAC JUNCTION	1001						34	26	23	118	36	20	410	F1012	1947			70
X19 1587-05	CATHEDRAL CITY F.C.S.	320	33	4S	5E		S	33	46	53	116	27	52	431	R	1948			33
T11 1595-10	CAVANAUGH RANCH	2000	33	29S	18E		M	35	23		120	02	30	430	L 78	1938			40
U05 1613-01	CEDAR SPRINGS	6780						34	21	21	117	52	34	410	F 402F	1936			70
W28 1613-10	CEDAR SPRINGS R EVAP	3275						34	17	03	117	19	47	813		1962			36
U05 1663-11	CHAPMAN WELLS	635						34	08	47	118	04	03	410	F 1718				70
U05 1665-02	CHARTER OAKS WALKER	705						34	06	25	117	51	40	410	F1131B				70
U05 1680	CHATSWORTH F C 24 D	957	18	2N	16W	M	S	34	15	23	118	36	19	900	F 240	1928			70
U05 1682	CHATSWORTH RESERVOIR	912	25	2N	17W		S	34	13	34	118	36	58	900	F 23E	1948			70
U05 1682-11	CHATSWORTH PAT STA	1254						34	16	39	118	36	13	410	F 259C	1930			70
Y01 1698-01	CHERRY VALLEY F S	3050	22	2S	1W		S	33	59	06	116	58	03	431	R				33
U03 1718-01	CHIEF PEAK	5000						34	31	04	119	10	50	416	V 179				56
W26 1724-01	CHILAO HMS	5280						34	19	02	118		30	410	F 492B	1944			70
U05 1725	CHILAO RANGER STA	5155	22	3N	11W		S	34	19	42	118	01		410	F 440C	1939			70
T11 1726-60	CHIMINEAS RANCH	2600	8	32S	19E		M	35	09		119	58		430	L 158	1961			40
Y01 1732-02	CHINO-IMBACH	642	27	2S	7W		S	33	58	32	117	35	36	429	SB 79	1930			36
Y01 1732-03	CHINO SCE CO	675	13	2S	8W		S	33	59	52	117	40	50	4	SB 67				36
Y01 1732-08	CHINO FIRE STATION #2	655	16	2S	8W		S	57	31	54	117	42	58	429	SB 20C				36
Z08 1747	CHOLLAS RESERVOIR	400	35	16S	2W		S	32	44		117	03		406		1914			90
U03 1754	CHUCHUPATE R S	5260	4	8N	20W		S	34	48		119	01		900		1941			56
Z10 1758	CHULA VISTA	9						32	36		117	06		900		1931			90
Z09 1758-02	CHULA VISTA 2	25						32	37	57	117	05	39	913					90
W26 1767-11	CIMA MESA	4325						34	26	50	117	57	12	410	F1123				70
Y01 1777-01	CLAREMONT FIRE STA	1180	9	1S	8W		S	34	05	45	117	42	57	410	F 938	1927			70
U05 1777-02	CLAREMONT INDIAN HILL	1403						34	07	22	117	43	11	410	F 91	1927			70
U05 1777-03	CLAREMONT SLAUGHTER	1350						34	07	35	117	43	55	410	F 497	1945			70
Y01 1779	CLAREMONT POMONA COL	1185	10	1S	8W		S	34	05	48	117	42	33	410	F 92	1894			70
U05 1798-11	CLEAR CREEK SCHOOL	3150						34	16	38	118	10	12	410	F 470	1925			70
U05 1799-10	CLEAR CREEK R S	3625						34	16	15	118	09	11	410	F1152	1961			70
U05 1883	COGSWELL DAM	2330	19	2N	10W		S	34	14	37	117	57	35	410	F 334B	1947			70
U05 1896	COLBYS FC 53D	3675	35	3N	12W		S	34	18	02	118	06	39	900	PN8290	1897			70
U04 1901	COLO CREEK	1318						34	05	37	118	39	22	410	F 489	1943			70
U05 1906-01	COLDWATER CANYON	3960						34	15	49	117	42	41	410	F 486B	1943			70
Y01 1941-01	COLTON HWY YARDS	1220	19	1S	4W		S	34	04	10	117	20	32	429	SB204	1959			36
Y01 1941-02	COLTON F. O.	980	20	1S	4W		S	34	04		117	19	23	429	SB 27A	1924			36
Y01 1941-03	COLTON SCE CO	940	29	1S	4W			34	03	22	117	19	08	4	SB185	1929			36
Y01 1941-04	COLTON SPRR	973						34	03	54	117	19	19	907	SB 68	1877			36
U05 1954-11	COMPTON FIRE STA	78						33	53	42	118	13	34	410	F 117F	1924			70
U05 1982-01	COOKS CANYON	3400	16	2N	13W		S	34	15	52	118	15	11	410	F*x19	1956			70
U05 1982-02	COOKS DEBRIS BASIN	2100						34	14	49	118	15	40	410	F1122	1956			70
U05 1987-02	COON CANYON 2	1710						34	12	56	118	10		410	F 788B	1948			70
U05 1987-05	COON CANYON 5	2207						34	13	18	118	09	50	410	F 786				70
U05 1987-06	COON CANYON 6	1350						34	12	47	118	10	12	410	F 783	1948			70
Y01 2031	CORONA	710	25	3S	7W			33	52	58	117	34	07	900	SB 165	1908			33
Y01 2033-03	CORONA A SDF	638	13	3S	7W		S	33	55	53	117	32	52	431	R				33
Y01 2034-01	CORONA FIRE DEPT	698	13	3S	7W		S	33	52	55	117	33	46	431	R				33
Y01 2034-21	CORONA LEMON CO 1	1055	1	4S	7W		S	33	50	39	117	34	36	18	R	1948			33
Y01 2034-22	CORONA LEMON CO 2	1235	12	4S	7W		S	33	50	02	117	34	53	18	R	1948			33
Y01 2034-23	CORONA LEMON CO 3	860	34	3S	7W		S	33	51	40	117	35	37	18	R				33
Y01 2060-01	COSTA MESA	53						33	40	12	117	53	38	415	O 165				30
Y01 2060-02	COSTA MESA DODGE	90						33	38	28	117	55	18	415	O 46A				30
U05 2089-03	COVINA GRIFFITH	975						34	04	10	117	50	47	410	F1078	1955			70
U05 2089-15	COVINA SEWAGE PLANT	508						34	05	02	117	53	57	410	F 387B	1939			70
U05 2090	COVINA TEMPLE FC 193	580	13	1S	10W		S	34	04	57	117	52	29	410	F 193B	1902			70
U03 2093	COW SPRINGS STORAGE	3565						34	33	29	118	54	14	416	V 178				56
X22 2103	COYOTE CANYON	2300	31	8S	5E		S	33	26		116	30		900		1948			33

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X23 2111	COYOTE WELLS	250	30	16S	10E		S	32	44		116	58		900		1947			13
Y01 2116-11	CRAFTON SCHNEIDER	2120	28	1S	2W		S	34	03	16	117	06	18	429	SB 24C	1930			36
Y01 2158	CREST FORREST C OF C		22	2N	4W		SB							429	58235				36
Y01 2162-01	CRESTLINE SB 176	4920	28	2N	4W		S	34	14	10	117	17	42	429	58176	1958			36
Y01 2162-05	CRESTLINE S E	5160	27	2N	4W		S	34	41		117	21		429	58181	1958			36
W28 2163	CRESTLINE LK GREGORY	4530	23	2N	4W	O	S	34	14		117	16		900	58 45	1953			36
U05 2198	CRYSTAL LAKE FC 283C	5370	29	3N	9W		S	34	18	58	117	50	30	900		1959			70
Y01 2210-02	CUCAMONGA RES 2	1018						34	04	39	117	35	39	813	58192				36
U05 2214	CULVER CITY	75						34	01	18	118	23	17	410	F 2468	1930			70
T12 2236	CUYAMA	2240	25	10N	26W		S	34	56		119	37		900		1944			42
Z07 2239	CUYAMACA	4650						32	59		116	35		433		1888			90
W28 2255	DAGGETT 1 ENE	1975	15	9N	1E		S	34	51	57	116	52	07	900	58153	1953			36
W28 2257	DAGGETT FAA AP	1922	20	9N	2E		S	34	52		116	47		900	58113	1943			36
X12 2275	DANBY DRY LAKE		12	2N	17E		S							429	58237				36
U03 2303-11	DAVIS RANCH	20					S	34	09	26	119	04	39	416	V 177				56
U05 2304-11	DAWN MINE	2950					S	34	13	30	118	07	47	410	F 730	1945			70
W26 2305-11	DAWSON SADDLE	7900					S	34	22	08	117	48	10	410	F1120	1956			70
Y01 2307-51	DAY CANYON	2576	17	1N	6W			34	10	30	117	32	11	429	SB 28	1947			36
W09 2319	DEATH VALLEY	19M	16	27N	1E	J	S	36	28		116	52		900		1961			14
Y01 2325-51	DECLEZ	1107	13	1S	6W			34	04	40	117	28	14	429	SB 58	1946			36
X19 2327	DEEP CANYON LABORATOR	1200	17	6S	6E		S	33	39		116	23		900					33
W05 2331	DEEP SPRINGS COLLEGE	5225	1	7S	36E		M	37	22		117	59		900		1948			14
U05 2333	DEER DEBRIS BASIN	1200						34	11	33	118	14	28	410	F1081	1955			70
T09 2359-10	DELLAGANNA RANCH	1280	35	27S	10E		M	35	32		120	51	30	430	L 139	1952			40
Y01 2370-03	DEL ROSA CAMAN	1460	24	1N	4W	G	S	34	09	42	117	14	58	429	SB180	1957			36
Y01 2370-11	DEL ROSA RANGER	1580	13	1N	4W			34	09	57	117	15	05	429	SB 15	1946			36
U07 2399	DENNISON RCH	1250	9	4N	22W	N	S	34	26	10	119	11	36	416	V 64	1901			56
U05 2401-20	DEPR W P E VALLEY	780						34	12	30	118	24	35	410	F1126	1958			70
U05 2404	DESCANSO GARDENS	1325						34	12	07	118	12	06	410	F10718	1953			70
X19 2405	DESERT HOT SPRINGS	1080	30	2S	5E		S	33	57	42	116	30	06	431	R	1948			33
Z09 2406	DESCANSO R S	3500	24	15S	3E		S	32	51		116	37		900		1930			90
U05 2406-51	DESOTO RESERVOIR	1127						34	16	17	118	35	12	410	F 797				70
Y01 2407-01	DEVIL CANYON GATE	1880	6	1N	4W	H	S	34	12	06	117	19	58	436	SB 71	1912		10	36
U05 2409	DEVILS GATE DAM	1090						34	11	08	118	10	19	410	F 453C	1939			70
Y01 2412	DEVORE	2435	28	2N	5W	S		34	14	03	117	24	24	429	SB 11E	1919			36
Y01 2412-01	DEVORE ST. FOR.	2280	33	2N	5W	B	S	34	13		117	24		429	SB118	1951			36
U05 2465-32	DOMINGUEZ WATER CO	30						33	49	54	118	13	30	410	F1113	1936			70
W26 2479-10	DORR CANYON	7280						34	22	16	117	46	51	410	F*X23	1957			70
U03 2492-50	DOUBLE H N RANCH	600						34	23	42	118	51	06	416	V 94A	1948			56
U05 2494	DOWNEY FIRE DEPT	130						33	56	18	118	08	03	410	F 107C	1925			70
U03 2516	DRY CANYON RESERVOIR	1520	35	5N	16W		S	34	28	55	118	31	40	900	F 127	1922			70
U05 2523-01	DUARTE	548						34	08	26	117	58	02	410	F 172B	1925			70
U05 2523-02	DUARTE FIRE STA	580						34	08	25	117	56	47	410	F1136				70
W28 2570	DUNN SIDING	1610	15	11N	5E		B	35	09		116	26		900		1959			36
U05 2571-11	DUNSMORE CANYON-UPPER	4425	15	2N	13W		S	34	15	38	118	13	47	410	F*X218	1956			70
U05 2571-21	DUNSMUIR DEBRIS BAS	2275						34	14	52	118	15	06	410	F1082	1954			70
U05 2592-20	EAGLE DEBRIS BASIN	1890						34	14	07	118	14	12	410	F*X33	1959			70
X17 2598	EAGLE MOUNTAIN	973	30	4S	15E		S	33	48		115	27		900		1934			33
T09 2602-10	EAGLE RANCH	1315	3	29S	12E		M	35	25	30	120	40	30	430	L 148	1956			40
U05 2605-01	EAGLE ROCK SCEC	950						34	09	02	118	10	57	410	F 672	1934			70
U05 2605-02	EAGLE ROCK RES	963	25	1N	13W		S	34	08	47	118	11	22	405	F 8028				70
Y01 2618-02	E HIGHLAND GOLD	1348		1S	3W			34	06	47	117	10	07	813	SB 72	1933			36
Y01 2618-03	E HIGHLAND ORANGE	1525	35	1N	3W			34	07	17	117	09	58	429	SB 25	1947			36
U05 2655-01	EAST WHITTIER	253						33	56	26	117	59	30	410	F 266C				70
U05 2660-11	EATON WASH DAM	880						34	10	06	118	05	33	410	F 449B	1937			70
U05 2665-11	ECHO PARK-LA	475						34	05	02	118	15	11	410	F 772	1947			70
U05 2681-30	EDISON INTAKE	1275						34	12	38	117	51	30	410	F 75A				70
T10 2684-10	EDNA (STORNETTA)	425	22	31S	13E		M	35	12	30	120	34		430	L 92	1940			40
U05 2701-15	EL CABALLERO CON CLUB	1300						34	08	52	118	31	53	410	F1147	1960			70
Z07 2709	EL CAPITAN DAM	600	7	15S	2E	B	S	32	53		116	49		406	PN1741	1899			90
X23 2713	EL CENTRO 2 SSW	30	7	16S	14E		S	32	46	02	115	33	52	900		1932			13
U05 2716-01	ELDER RANCH	1680						34	09		117	45	32	410	F 90	1928			70
Y01 2717	EL CERRITO	800	16	4S	6W		S	33	49	29	117	30	33	431	R	1963			33
U03 2734-01	ELIZABETH LAKE	3325						34	39	35	118	22	38	410	F 519B	1955			70
U03 2735	ELIZABETH LAKE 1288	2075	15	6N	16W		S	34	36	28	118	33	40	900	PN7220	1928			70
W01 2756	ELLERY LAKE	9523	20	1N	25E		M	37	56	10	119	13	56	900		1924			26
U05 2770-11	EL MIRADOR RANCH	1120						34	09	48	118	10	53	410	F 3628				70
W28 2771-20	EL MIRAGE VISAN O F	2900	14	6N	7W	R	S	34	36	10	117	34	37	429	SB227A	1962			36
U05 2779-01	EL MONTE FIRE STA	275						34	04	30	118	02	30	410	F 106D	1955			70
U05 2780-01	EL PRIETO CANYON	2325						34	13	32	118	09	19	410	F 78B	1948			70
U05 2800	EL SEGUNDO	150						33	54	57	118	24	05	410	F 157B	1948			70
Y02 2805	ELSINORE	1265	7	6S	4W			33	42	07	117	19	58	900		1931			33
Z01 2821-11	EL TORO	375						33	38	36	117	42	07	415	O 176				30
Y01 2821-31	EL TORO LOS ALISO RN	640						33	40	06	117	40	42	415	O 130	1929			30
U05 2823-11	ELYSIAN PARK FS	757						34	04	55	118	14	22	410	F 796	1948			70

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U05 2830-11	ENCINO RESERVOIR	1075	24	1N	16W		S	34	08	56	118	30	57	410	F 2920	1928			70
Z04 2862	ESCONDIDO	660	22	12S	2W		S	33	07		117	05		900		1894			90
Z04 2862-04	ESCONDIDO VALLEY PARK		7	80				33	09		117	04	23						90
U04 2867-01	ESCONDIDO CANYON G S	1050			15	18W	S	34	02	55	118	46	25	410	F 28	1927			70
Y01 2895	ETIWANDA	1390	32	1N	6W		S	34	07	31	117	31	30	900	58119	1938			36
T09 2908-15	EUREKA RANCH	850	14	28S	12E		M	35	30		120	39		430	L 137	1952			40
U05 2918-11	EVERETT RANCH	730						34	14	52	118	50	26	416	V 147				56
W26 2941	FAIRMONT	3060	11	7N	15W		S	34	42	15	118	27	20	410	F1105	1955			70
W26 2942-10	FAIRMONT RESERVOIR	3036						34	42	15	118	25	40	410	F 542E	1908			70
U05 2950	FAIR OAKS OEB POND	1585						34	12	15	118	08	16	410	F 433C	1938			70
U05 2961-11	FALLING SPRINGS	4010						34	18	06	117	50	20	410	F 51	1928			70
U05 3023	FERN CANYON	5200						34	11	48	117	41	45	410	F 740B	1936			70
U03 3036-15	FERNDALE RANCH	1100						34	25	54	119	05	12	416	V 173	1956			56
U03 3050	FILLMORE 1 WNW	435	25	4N	20W	G	S	34	24	12	118	55	33	900		1952			56
U03 3050-11	FILLMORE CITRUS ASSN	450						34	23	54	118	55	06	416	V 129				56
U03 3050-13	FILLMORE FISH HATCH	470	28	4N	19W	N	S	34	23	37	118	53	06	416	V 171				56
U05 3068-10	FISH CANYON	2600						34	12	23	117	56	43	410	F1133	1958			70
U05 3091	FLINTRIDGE F S	1345						34	10	57	118	11	47	410	F 280B	1930			70
Y01 3117-01	FONTANA B + O	1319	8	1S	5W		S	34	06	23	117	25	36	429	SB 18	1911			36
Y01 3117-03	FONTANA HERALD NEWS	1285	8	1S	5W		S	34	06	03	117	26	04	429	SB218				36
Y01 3117-04	FONTANA UNION WC	1280	8	1S	5W		S	34	06		117	26	04	19	SB194	1917			36
Y01 3117-05	FONTANA CO YDS	1275	24	1S	5W		S	34	05	59	117	37	36	429	SB206	1959			36
Y01 3117-06	FONTANA POWERHOUSE 2	1588	22	1N	5W		S	34	09	20	117	23	48	4	SB 73	1927			36
Y01 3118	FONTANA 5 N	1972	18	1N	5W		S	34	10	57	117	26	32	900	SB 17	1927			36
Y01 3120	FONTANA KAISER	1090	15	1S	6W		S	34	05		117	30		900	SB138	1950			36
Y01 3121	FONTANA SEWAGE	960	36	1S	6W		S							429	SB236				36
Y01 3129-60	FOREST FALLS	5100	18	1S	1W	B	S	34	05	20	116	56	19	429	SB173A	1960			36
W24 3233-02	FREEMAN STATION	3310						35	35	40	117	55	04	405					15
U05 3279	FULLERTON ARROYES RCH	330	15	3S	10W		S	33	54		117	55		900		1948			30
U05 3285	FULLERTON OAK	340	24	3S	10W		S	33	54		117	53		900		1948			30
U05 3288	FULLERTON MILLCRST RE	340						33	52		117	54	13	900		1934			30
U05 3288-01	FULLERTON KNOWLTON	195						33	52	15	117	54	24	415	O 28A				30
U05 3289-02	FULLERTON PUMP PLANT	150						33	50	54	117	55	26	415	O 93				30
U05 3289-03	FULLERTON A P	94						33	52	13	117	58	34	415	O 126A				30
U05 3289-20	FULLERTON OCFCO YARD	163						33	52	05	117	54	10	415	O 172	1960			30
U04 3315-05	GARAPITO CREEK	1850						34	07	33	118	33	20	410	F1165	1963			70
Y01 3336-21	GAROEN GROVE CO YD	90						33	46	13	117	56	03	415	O 116				30
U04 3345-11	GARRAPATA CYN	1415						34	07	44	118	34	42	410	F1023B	1948			70
W01 3369	GEM LAKE	8970	19	2S	26E		M	37	45	07	119	08		900		1924			26
T14 3402	GIBRALTAR DAM 2	1550	11	5N	27W		S	34	31	24	119	41	18	900		1957			42
Z07 3410	GILLESPIE FIELD	370						32	49		116	58		900		1959			90
U05 3430	GIRARD BRANT RANCH	876						34	10	16	118	35	56	410	F 21	1912			70
U05 3430-11	GIRARD RESERVOIR	986						34	09	07	118	36	36	410	F 208	1927			70
Y01 3438-20	GLEN AVON FIRE DEPT	253	10	2S	6W	P	S	34		43	117	29	37	431	R	1962			33
U05 3450	GLENDALE STAPENHORST	530		1N	13W		S	34	09	07	118	15	40	410	F 295G	1910			70
U05 3450-01	GLENDALE-JONES	615					S	34	09	54	118	15	01	410	F 216	1926			70
U05 3450-02	GLENDALE-MCINTYRE	603					S	34	09		118	14	27	410	F 703	1940			70
U05 3452	GLENDORA WEST FC 185	822					S	34	08	23	117	51	33	410	F 185	1881			70
U05 3452-01	GLENDORA-BROWN	835					S	34	08	50	117	52	01	410	F 389B	1935			70
U05 3452-02	GLENDORA-ENGLEWLD RCH	1165	11				S	34	09	22	117	50	57	410	F 73	1925			70
U05 3452-03	GLENDORA-MCICO	782					S	34	08	22	117	51	54	410	F 287	1929			70
U05 3452-04	GLENDORA-WARREN	960					S	34	07	57	117	49	09	410	F 174				70
Y01 3458-11	GLEN IVY	1100	3	5S	6W		S	33	45	54	117	29	10	16	R	1905			33
X10 3482	GOFFS	2600	26	10N	18E		S	34	56		115	04		900	SB179				36
X26 3489	GOLD ROCK RANCH	485	9	15S	20E		S	32	53		114	52		900					13
T09 3507-05	GOODWIN RANCH	1625	10	30S	15E		M	35	19	30	120	21		430	L 601	1931		10	40
U03 3511-11	GORMAN	3680						34	47	16	118	49	55	410	F 298B	1946			70
U05 3535	GRANADA PUMP PLT	1300						34	17	24	118	31	30	410	F 29C	1964			70
W26 3576-20	GRASSY HOLLOW	7360						34	22	30	117	43	05	410	F*X24	1957			70
Y01 3609	GREEN CANYON SPRINGS	7000	29	2N	2E		S	34	13		116	48	10	429	SB 70A				36
U05 3663-03	GRIFFITH PK NURSERY	850						34	07	18	118	17	04	410	F 257	1930			70
U05 3663-06	GRIFFITH PK ZOO	600						34	08	02	118	17	18	410	F 375B	1933			70
U05 3663-08	GRIFFITH FERN DELL	750						34	07	12	118	18	20	410	F 757	1947			70
U05 3663-09	GRIFFITH LIT CN	900						34	07	32	118	16	58	410	F 755	1947			70
U05 3663-10	GRIFFITH LWR MINERAL	625						34	08	48	118	17	48	410	F 779	1947			70
T12 3680	GUADALUPE F + L FARM	100						34	59	48	120	32	44	813		1930	1963		40
Y01 3682-51	GUASTI WINE	975	23	1S	7W		S	34	33	55	117	35	10	813	SB 75	1916			36
U05 3686-20	GUFFY CAMP	8080						34	20	20	117	38	55	410	F*X27	1957			70
U05 3703	HAINES CANYON LOWER	2450	17	2N	13W		S	34	15	50	118	16	13	410	F 364	1918			70
U05 3704	HAINES CANYON UPPER	3450	9	2N	13W		S	34	16	18	118	15	07	410	F 367	1916			70
W03 3710	HAIWEE	3830	2	21S	37E		M	36	08		117	57		405		1923			14
W24 3710-11	HAIWEE POWERHOUSE	3583						36	06	36	117	57	16	405					14
U03 3715	HALL CANYON RES	190						34	16	49	119	15	33	416	V 1679	56			56
U05 3724-10	HAMILTON BOWL LONG BE	40						33	47	31	118	10	16	410	F 437	1937			70
Y01 3748-11	HANFORD PLANT	1030	10	1S	4W			34	06	09	117	17	28	436	SB 66	1932			36

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U05 3751	HANSEN DAM	1110	18	2N	14W	E	S	34	16	08	118	23	59	410	F 436C	1940			70
T13 3787	HARRIS GAGING STN	320	23	8N	34W	A		34	46		120	25		900		1941			42
U03 3812-11	HASLEY CANYON	1725						34	28	44	118	41	04	410	F1022	1948			70
U05 3851-20	HAY DEBRIS BASIN	1925						34	13	28	118	12	17	410	F*X32	1957			70
X18 3855	HAYFIELD PUMP PLANT	1370	28	5S	13E	S		33	42		115	38		900		1933			33
U05 3874-51	HEADWORKS PUMP PLT	470						34	09	21	118	18	02	410	F 272D	1930			70
T10 3888	HEARST RANCH	150	23	26S	7E	M		35	39	30	121	11	12	430	L 69	1938			40
T10 3888-02	HEARST CASTLE	1830	12	26S	7E	M		35	41	12	121	10	12	430	L 112	1946			40
Y02 3896	HEMET	1630	11	5S	1W	P	S	33	45		116	57		900		1911			33
U05 3910	HENNINGER FLATS	2550	1	1N	12W		S	34	11	36	118	05	17	410	F 235C	1930			70
Z03 3914	HENSHAW DAM	2700	10	11S	2E		S	33	14		116	46		900		1912			90
Z03 3914-10	HENSHAW F 36 EVAP PAN	2700						33	14		116	45	18	432		1923			90
Z03 3914-20	HENSHAW L 36 EVAP PAN	2650						33	14	18	116	45	42	432		1922			90
W28 3935	HESPERIA	3305	21	4N	4W	B	S	34	25	16	117	18	12	900	58 92	1904		20	36
W28 3935-01	HESPERIA FFS	3175	21	4N	4W		S	34	25	15	117	18	01	429	58195	1956			36
U05 3947-11	HIDDEN SPRINGS	2850					S	34	19	04	118	07	58	410	F1076	1954			70
Y01 3951-11	HIGH GROVE	940	7	2S	4W		S	34		56	117	19	49	429	58222				33
T09 3951-35	HIGHLAND FARM	2100	33	26S	16E		M	35	37	30	120	15	30	430	L 122	1948			40
U05 3953-52	HIGHLAND PK	850					S	34	07	57	118	10	27	410	F 364B				70
U05 3953-53	HIGHLAND PK-LINDSAY	620					S	34	07	06	118	10	39	410	F 394	1935			70
U05 3971	HILLCREST COUNTY CB	185					S	34	02	54	118	24	06	410	F 462B	1951			70
W28 3990-20	HINKLEY SN	2055	28	11N	3W	F	S	35	01		117	11	50	429	58231	1962			36
W26 4005-11	HI VISTA-CARO	3075						34	44	04	117	46	50	410	F*X158	1951			70
Z05 4014	HODGES DAM	320	18	13S	2W		S	33	03		117	08		406		1919			90
U05 4017	HOEGEES FC 60A	2650	33	2N	11W		S	34	12	30	118	02		410	F 60A	1931			70
Z05 4020-01	HOLDREGGE RANCH	3460	22	11S	2E		S	33	12	16	116	45	43	913	9P117	1935			90
U05 4021-15	HOLIDAY HILL	8130						34	21	29	117	40	54	410	F*X288	1957			70
U05 4031-11	HOLLYWOOD	305					S	34	05	28	118	19	30	410	F 136B				70
U05 4032-11	HOLLYWOOD DAM	750					S	34	07	04	118	19	55	410	F 238	1929			70
Y02 4062-05	HOMELAND IN SEC 17	1600	17	5S	2W	P	S	33	44	33	117	06	27	431	R	1960			33
Z02 4133	HOWELL RANCH	1300	3	7S	4W		S	33	35	41	117	16	47	431	R	1965			33
T09 4144-01	HUASNA	770	29	12N	33W		M	35	06		120	23	17	430	L 51	1929			40
Y01 4173-11	HUNTINGTON BEACH	35						33	39	39	117	59	57	415	O 45				30
Y01 4173-21	HUNTINGTON BEACH RCH	70						33	40	45	118		02	415	O 135				30
U05 4180-11	HUNTINGTON PARK	175					S	33	59		118	13	47	410	F 199D	1927			70
W26 4181-11	HUNT CANYON	3263						34	30	48	118	03	37	410	F1000	1945			70
X19 4185-51	TWIN PINES	5340	32	3S	2E		S	33	51	58	116	47	28	431	R	1919			33
X19 4211	IDYLLWILD R S	5397	7	5S	3E		S	33	44	46	116	42	48	900		1943			33
X23 4223	IMPERIAL	60	18	15S	14E		S	32	50	57	115	34	06	900		1902			13
X23 4224	IMPERIAL FAA AP	60	19	15S	14E		S	32	50	09	115	34	22	900					13
W03 4232	INDEPENDENCE	3950	18	13S	35E		M	36	48		118	12		900		1866			14
X19 4258-11	INDIO	8	26	5S	7E		S	33	42	47	116	13	24	431	R	1958			33
X19 4259	INDIO US DATE GARDEN	11	16	5S	7E		S	33	44		116	15		900		1913			33
U05 4260-11	INGLEWOOD FS	135						33	57	54	118	21	15	410	F 116D	1919			70
W24 4278	INYOKERN	2440	30	26S	39E		M	35	39		117	49		900		1937			15
W24 4280	INYOKERN ARMITAGE	2218	9	26S	40E		M	35	41		117	41		900		1944			15
U05 4296-03	IRON MOUNTAIN	5320						34	21	06	118	13	46	410	F1162	1963			70
X12 4297	IRON MOUNTAIN SB 114	922	30	1N	18E		S	34	08		115	08		900	58114	1935			36
Y01 4300-01	IRVINE CO AUTOMATIC	197						33	40	37	117	45	34	415	O 125				30
Y01 4300-02	IRVINE CO MARKEL	100						33	40	32	117	47	54	415	O 54				30
Y01 4300-03	IRVINE CO HOME RCH	130						33	43	52	117	46	54	415	O 61	1877			30
Y01 4300-04	IRVINE CO JOHNSON	320						33	39	13	117	42	53	415	O 56				30
Y01 4300-05	IRVINE CO LAMBERT	400						33	41	46	117	42	48	415	O 57				30
Y01 4300-06	IRVINE CO LAMBRT AUTO	48						33	41	43	117	42	36	415	O 146				30
Y01 4300-07	IRVINE CO LIMESTONE	1000						33	46	15	117	43	15	415	O 74				30
Y01 4300-08	IRVINE CO OLD RCH	50						33	39	50	117	49	50	415	O 52				30
Y01 4300-09	IRVINE CO SHADY CAMP	300						33	38	13	117	47	54	415	O 51				30
Y01 4300-10	IRVINE CO #HSE	200						33	40	30	117	45	37	415	O 55				30
Y01 4300-21	IRVINE CO SALT #ORKS	55						33	39	14	117	51	52	415	O 143	1938			30
W26 4311-51	ISLIP SADDLES	6680						34	21	27	117	51	05	410	F*X22	1957			70
W12 4312-50	IVANPAH COUNTY YARD	2927	13	15N	15E	G	S	35	23	00	115	15	20	429	58223	1961			36
T11 4313-1	IVERSEN RANCH ELMER	1420	23	27S	16E		M	35	33	30	120	14		430	L 113	1946			40
T09 4313-11	IVERSON RANCH(EL)	1595	30	28S	15E		M	35	27	30	120	24	30	430	L 157	1960			40
W26 4322-51	JACKSON LAKE	6150						34	23	53	117	43	40	410	F 316B				70
W28 4384-20	JOBS PEAK	5160	17	2N	4W		S	34	15	20	117	20		429	58115	1950		6	36
X08 4405	JOSHUA TREE	2730	25	1N	6E	N	S	34	08	18	116	12	30	900	58 134	1953			36
Z07 4418	JULIAN #YNOLA	3655	35	12S	3E		S	33	06		116	39		900		1949			90
T14 4422	JUNCAL DAM	2060	28	5N	25W		S	34	29		119	31		900		1925			42
Y02 4431	JUNIPER FLATS	2110	3	5S	2W		S	33	45	49	117	04	57	431	R	1964			33
U05 4440-11	KAGEL CANYON P S	1430						34	17	45	118	22	30	410	F 488B	1943			70
X01 4443-20	KAISER PERMANENTE P	4250	10	3N	1E		S							429	58224	1961			36
Y01 4453-11	KATELLA SUBSTA	135						33	47	44	117	54	08	415	O 36				30
X05 4467	KEE RANCH	4325	14	1N	4E	P	S	34	10		116	32		900	58 139	1948			36
U05 4498-10	KENTER CANYON	418						34	03	45	118	28	51	410	F 777	1947			70
U03 4530-11	KERR BROTHERS	800						34	18	58	119	53	08	410	V 9	1927			70

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Station Number	Station Name	Elevation in Feet	Section	Township	Range	40 Acre Tract	Base and Meridian	Latitude Degrees	Latitude Minutes	Latitude Seconds	Longitude Degrees	Longitude Minutes	Longitude Seconds	Cooperator Number	Cooperator's Index Number	Record Began	Record Ended	Number of Missing Years	County Code
U02 4668-51	KINGSTON RES	215						34	20	35	119	17	43	416	V 122				56
W28 4606-20	KRAMER JUNCTION B C	2477	5	10N	6W	M	S	34	59	20	117	32	20	429	58228	1962			36
W26 4607-05	KRATKA SKI LIFT	6810						34	21	08	117	53	46	410	F1153	1961			70
U05 4621-01	LA CANADA	1260						34	12	14	118	11	40	410	F 177F	1912			70
U05 4621-11	LA CANADA ARROY SECO	1155						34	11	52	118	11	05	410	F 508	1927			70
U05 4628	LA CRESCENTA FC 251	1565	28	2N	13W		S	34	13	31	118	14	29	410	F 251	1930			70
U05 4628-11	LA CRESCENTA-CORDOLPT	1410						34	13	27	118	15	23	410	F10488	1951			70
U05 4628-20	LA CRESCENTA GREGG	1885						34	13	52	118	13	50	410	F1161	1963			70
U05 4640	LA FRESA S C E CO	65		3S	14W		S	33	52	07	118	19	55	410	F1008E	1946			70
Z01 4647	LAGUNA BEACH	56	24	7S	9W		S	33	32		117	47		900		1931			30
Z01 4647-01	LAGUNA BEACH 0-99	30						33	32	36	117	46	54	415	0 99				30
U05 4647-11	LAGUNA BELL SS	140						33	58	37	118	08	48	410	F 289	1930			70
U05 4659-11	LA HABRA	315						33	55	58	117	56	38	415	O 152A				30
U05 4659-31	LA HABRA MTS MW CO	445						33	56	55	117	57	51	410	F10888	1955			30
W28 4671	LAKE ARROWHEAD	5250	22	2N	3W		S	34	15		117	12		429	58 140	1891			36
X19 4686-51	LAKELAND VILLAGE	1319	13	6S	5W		S	33	38	13	117	20	44	431	K	1955			33
Z09 4687-51	LAKE LOVELAND	1400	17	16S	2E		S	32	46	52	116	47	38	11		1944			90
Y01 4689-51	LAKE MATHEWS 1	1375	7	4S	5W		S	33	50	35	117	26	47	417	MWD				33
Y01 4689-52	LAKE MATHEWS 2	1440	10	4S	5W		S	33	50	25	117	23	04	417	MWD				33
Y01 4689-53	LAKE MATHEWS 3	3160	1	4S	6W		S	33	50	48	117	27	16	417	MWD				33
Z02 4694	LAKE O NEILL	150	5	10S	4W		S	33	19		117	19		914					90
U04 4706-11	LAKE SHERWOOD	960						34	08	26	118	52	31	410	F 377F	1912			56
Z07 4711	LAKESIDE 2 ENE	450	19	15S	1E		S	32	52		116	54		900		1908		37	90
Z04 4726	LAKE WOHLFORD	1500	32	11S	1W		S	33	10	12	116	59	47	900		1948			90
U05 4727-11	LAKEWOOD	55						33	51	45	118	07	43	410	F11188	1956			70
U05 4732-11	LA MIRADA	86						33	53	13	118		56	410	F 156	1923			70
Z08 4735	LA MESA	528	19	16S	1W		S	32	46		117	01		900		1934			90
W26 4747	LANCASTER	2352	15	7N	12W	E	S	34	42	01	118	08	45	900		1927		3	70
W26 4747-02	LANCASTER HMS	2395					S	34	40	57	118	08	02	410	F 455	1940			70
W26 4747-03	LANCASTER MCCARGAR	2315					S	34	46	20	118	01	40	410	F1056				70
W26 4747-04	LANCASTER WILEY	2470					S	34	40	45	117	57	14	410	F 490C	1944			70
U05 4749-21	LANKERSHIM P P	717					S	34	11	39	118	23	17	410	F 222C	1929			70
U05 4777-11	LA PUENTE	460						34	01		117	55	15	410	F1125	1958			70
U04 4803-11	LAS FLORES CANYON	50					S	34	02	18	118	38	56	410	F 447C	1939			70
Y01 4814-11	LA SIERRA F S	770	10	3S	6W	S		33	55	07	117	29	11	431	R	1955			33
U04 4827	LATIGO CANYON BEACH	1700			15	19W	S	34	05	35	118	48	52	410	F 443B	1953			70
U05 4833	LATUNA CANYON	1160						34	14	13	118	19	37	410	F1107D	1955			70
U05 4839-11	LA VERNE POL DEPT	1050						34	06	03	117	46	12	410	F 196B	1947			70
U05 4839-58	LA VIDA SPRINGS	670						33	55	53	117	47	43	410	F1096				30
U05 4839-65	LAWNDALE F S	60						33	53	53	118	20	35	410	F1155	1962			70
U05 4840	LA VERN HTS FC 568	1235						34	07		117	45		900					70
U04 4867	LECHUZA PATROL STN	1600	16	1S	19W		S	34	04	38	118	52	47	900	3528	1933			70
Y01 4892-11	LEMON HGTS SPRINGER	350						33	45	24	117	46	48	415	O 142				30
W26 4904-01	LEONIS VALLEY	3200						34	37	12	118	17	08	410	F 122F	1927			70
U03 4943	LIMONEIRA RANCH	335						34	19	55	119	07	48	416	V 18	1904			56
T09 4963	LINN RANCH	800	7	26S	12E	F	M	35	41	06	120	43	24	430	L 45	1925			40
T10 4973-10	LITTLE CAYUCOS WARREN	440	7	28S	10E		M	35	30		120	55	30	430	L 173	1964			40
U03 4975-01	LITTLE GLEASON	5600						34	22	43	118	08	57	410	F1074	1954			70
W24 4979-02	LITTLE LAKE	3510						35	57	07	117	55	31	405					14
Y02 4979-40	LITTLE LAKE VLY VISFS	1695	13	5S	1W		S	33	44	42	116	55	53	431	R	1960			33
W26 4983	LITTLE ROCK	2815						34	32	07	117	58	27	410	F 299D	1930			70
W26 4985	LITTLE ROCK CREEK	3120		5N	11W		S	34	29	45	118	01	33	410	F 155C	1927			70
U05 4986-01	LITTLE TUJUNGA RS	1275						34	17	37	118	21	38	410	F1072	1953			70
U05 4986-05	LITTLE TUJUNGA GOLD C	1700						34	19	23	118	20	14	410	F1143	1960			70
U05 4993-01	LIVE OAK CYN DAM	1510						34	08	02	117	44	38	410	F 445B	1939			70
Z05 5023	LOCKWOOD MESA	200	1	14S	4W		S	32	59		117	15		900		1929		9	90
U03 5324-10	LOCKWOOD VALLEY	5150						34	44	03	119	06	09	416	V 209	1961			56
T14 5064-01	LOMPOC	500						34	35	53	120	27	08	913	SQ 398				42
W03 5066-02	LONE PINE	3720						36	36	01	118	03	38	405					14
U05 5082	LONG BEACH	63	1	5S	13W		S	33	46	29	118	11	30	900	F 575C				70
U05 5082-05	L8-ALAMITOS LAND CO	180						33	46	06	118	11	28	410	F 224B	1894			70
U05 5082-06	L8-CITY AUTOMATIC	11						33	47	16	118	12	08	410	F 565B				70
U05 5082-08	L8 NO 1	15						33	46	46	118	08	36	410	F 566	1925			70
U05 5082-10	L8 SAN ANSELINE	40						33	47	38	118	07	15	410	F1116	1955			70
U05 5082-11	L8-60TH + LINDEN	55						33	52	20	118	11	55	410	F 666C	1932			70
U05 5082-12	L8-37TH + GAVIOTA	95						33	49	46	118	10	36	410	F 662C	1937			70
U05 5082-13	L8-VETS MEM BLDG	116						33	46	12	118	11	32	410	F 241C	1946			70
U05 5082-14	L8-WOODRUFF AVE	10						33	46	40	118	06	05	410	F1066A	1953			70
U05 5085	LONG BEACH WB AP	36						33	49		118	09		900		1958			70
U05 5098-11	LOOMIS RNCH ALDER CR	4300	22	3N	11W		S	34	20	55	118	02	55	410	F 54C	1931			70
U05 5098-25	LOPEZ CYN GO STA	1350						34	17	54	118	23	41	410	1150	1961			70
U05 5106-01	LOS ALAMITOS	23						33	48	38	118	04	38	415	O 158				70
U05 5106-20	LOS ALAMITOS R B AUTO	7						33	46	24	118	05	48	415	O 170	1959			70
T13 5107	LOS ALAMOS	565	30	8N	32W		S	34	45		120	17		900		1909			42
U05 5111-01	LA CITY COLLEGE	340						34	05	14	118	17	26	410	F 355B	1932			70

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U05 5111-02	LA-CLARK LIBRARY	203						34	02		118	18	46	410	F 2788	1930			70
U05 5111-03	LA CO SURVEYOR	121						33	56	56	118	15	17	410	F 291	1930			70
U05 5111-04	LA DUCOMMON ST	306						34	03	09	118	14	13	410	F 716	1942			70
U05 5111-06	LA MAC QUEEN	225						34	04	13	118	19	23	410	F10398	1951			70
U05 5111-07	LA-2ND + HILL	385						34	03	09	118	14	46	410	F 1398				70
U05 5111-08	LA WEST 8TH ST	173						33	57	58	118	18	24	410	F 676				70
W03 5111-09	L A AQUEDUCT INTAKE	3841	24	11S	34E	Q	M							405		1919			14
U05 5111-17	LOS ANGELES HANCOCK P	175						34	03	50	118	21	25	410	F 213F	1929			70
U05 5111-20	LA-730 W TEMPLE ST	375						34	03	32	118	14	50	410	F1156	1962			70
U05 5114	LOS ANGELES WB AP	99						33	56	30	118	23	12	900					70
U05 5115	LOS ANGELES CITY	312		1S	13W		S	34	03	19	118	14	26	900		1877			70
T14 5147	LOS PRIETOS R S	1030	3	5N	28W		S	34	32	42	119	47	06	900		1941			42
Z09 5154	LOVELAND DAM	1400	17	16S	2E		S	32	46	52	116	47	48	14		1944			90
U05 5159	LOWER FRANKLIN RES	685	12	1S	15W		S	34	05	43	118	24	40	405	F 794				70
Z10 5162	LOWER OTAY RESERVOIR	500	13	18S	1W	A	S	32	36	30	116	55	38	900		1906			90
X11 5182	LUCERNE VALLEY 1 WSW	3015	15	4N	1W	L	S	34	26		116	58		900		1949			36
X01 5182-11	LUCERNE VALLEY 2 W	2975	9	4N	1W		S	34	27		116	59		429	58141	1959			36
U05 5190-20	LUKENS DISPOSAL AREA	3250						34	14	15	118	11	43	410	F-x31	1957			70
U05 5193-30	LUNADA BAY	250						33	46	37	118	25	15	410	F11358	1958			70
Y01 5212	LYTLE CR FOOTHILL BL	1160	6	1S	4W		S	34	07		117	20		900	58159	1947			36
Y01 5212-01	LYTLE CREEK 5B 197	2360	6	1N	5W		S	34	12	16	117	26	57	427	58197	1927			36
Y01 5212-02	LYTLE CREEK 5B 198	1225	31	1N	4W		S	34	07	26	117	20	53	436	58198	1928			36
Y01 5215	LYTLE CREEK PH 1	2225	6	1N	5W		S	34	12	07	117	27		900	58142	1906			36
Y01 5218	LYTLE CREEK R S	2760	26	2N	6W		S	34	14		117	29		900	58 37	1930			36
U05 5230-01	MADDOCK DEBRIS BAS	905						34	09	17	117	57	05	410	F1083	1955			70
U03 5256	MAGIC MOUNTAIN	4450						34	23	45	118	17	12	900		1948			70
U04 5269	MALIBU-DIV HOOTS	800	27	1N	18W		S	34	08	08	118	45	08	410	F 434	1938			70
U04 5269-02	MALIBU BCH-DUNNE	160						34	02		118	42	42	410	F1025	1949			70
W03 5284-01	MAMMOTH	8930						37	35	56	118	59	58	405					26
U05 5296-11	MANDEVILLE CANYON	1225						34	07	12	118	30	12	410	F 767	1947			70
U05 5296-12	MANDEVILLE FIRE RD 24	1625						34	07	38	118	30	03	410	F 766	1947			70
U05 5296-31	MANHATTAN BEACH	182						33	53		118	23	19	410	F1070	1953			70
U05 5355-01	MARKHAM SAUDLE	5300						34	14	21	118	05	55	410	F 793	1947			70
U05 5382-21	MAR VISTA - SCHS	92						34		49	118	25	32	410	F 4638	1940			70
U02 5438-01	MATILIJA DAM	1040						34	29	05	119	18	25	416	V 134				56
U02 5438-02	MATILIJA RCH	650						34	25	42	119	18	48	416	V 20	1925			56
U03 5438-03	MATILIJA RES	1150						34	29	34	119	19	37	416	V 149	1952			56
U02 5438-06	MATILIJA FORKS LYN	1540						34	30	24	119	22	36	416	V 207	1960			56
U05 5452-11	MC CLURE DEBRIS BAS	1010						34	12	42	118	19	36	410	F1065	1955			70
T09 5486-11	MC MILLAN CANYON	1650	32	25S	15E		M	35	43	02	120	22	23	915	L 93				40
T 9 5488-11	MC NEIL RANCH	1560	23	30S	14E		M	35	17	30	120	27		430	L 128	1951		8	40
X19 5502	MECCA 3 SE	170	22	7S	9E		S	33	33		116	02		900		1931			33
X19 5502-01	MECCA	1190	8	7S	9E		S	33	34	17	116	04	40	431	R	1958			33
U03 5507-21	MEHER MTN	2570						34	24	44	117	10	08	416	V 163				56
Y01 5531-31	MENTONE FS 5B 120	1765	23	1S	2W		S	34	04	12	117	07	27	429	58120	1952			36
Y01 5531-32	MENTONE 5B 199	1650	19	1S	2W		S	34	04	22	117	08	02	813	58199	1929			36
Y01 5531-34	MENTONE GREEN SPOT	2019	21	1S	2W	F		34	04		117	05	50	429	58212	1958			36
W26 5569-20	MESCAL CREEK FT TEJON	3570						34	49	05	117	44	10	410	F 442C	1939			70
W26 5618-20	MILE HIGH	5200						34	24	40	117	46	07	410	F1166	1964			70
Y01 5629	MILL CREEK NO 2	2940	13	1S	2W	D		34	05		117	02		900	58143	1903			36
Y01 5632	MILL CREEK INTAKE	4945	13	1S	3W	C		34	05	20	116	56	19	900	58155	1930			36
Y01 5632-01	MILL CREEK INTAKE 3	4958						34	05	20	116	56	19						36
Y11 5635-20	MILL CREEK RANGER STA		13	1S	2W			34	04	45	117	02	47	429	58 77				36
U03 5688-01	MINT CANYON-THE OAKS	2300		5N	14W			34	30	35	118	21	40	410	F10058	1946			70
U03 5688-02	MINT CANYON-DYER	1625						34	26	04	118	26	06	410	F1009	1946			70
Y11 5776-01	MIRA LOMA	827	5	2S	6W			34	01	41	117	31	54	429	58 21A	1946			33
Z06 5777-01	MIRAMAR	660	5	15S	2W			32	54		117	06		406		1901			90
X11 5721	MITCHELL CAVERNS	4306	21	10N	14E			34	56		115	32		900		1958			36
W26 5756	MOJAVE	2735	17	11N	12W			35	03		118	10		900		1947			15
W26 5758	MOJAVE 2 ESE	2680	21	11N	11W		S	35	02		118	09		900					15
W01 5779	MONO LAKE	6520	30	2N	26E		M	38	01		119	09		900		1944			26
U05 5781	MONROVIA FAA	560						34	08	57	118			410	F 67F	1956			70
U 5 5781-01	MONROVIA-SPTS	962						34	09	58	117	59	37	410	F1077B	1954			70
U05 5786-11	MONTANA RANCH	47					S	33	50	35	118	07	09	410	F 225	1915			70
U05 5787-31	MONTEBELLO FD	215						34		40	118	06	15	410	F 391C	1942			70
U04 5790-11	MONTE NIDO	60		1S	17W		S	34	04	41	118	41	35	410	F 435	1938			70
Y11 5790-51	MONTE VISTA	970	26	1S	8W			34	03	41	117	41	17	429	58137				36
U05 5800-51	MONTEREY PARK FS	395						34	02	27	118	07	42	410	F 290C	1930			70
U03 5825	MOORPARK 3 SE	635	15	2N	19W		S	34	15	24	118	50	54	930		1956			56
U03 5826	MOORPARK 3 WNW	1150	2	3N	19W			34	19	30	118	53	42	900					56
U03 5826-11	MOORPARK 5 P MILLING	500	4	2N	19W	M	S	34	17	03	116	52	58	416	V 24	1967			56
U03 5826-51	MOORPARK 1 SSE	520	9	2N	19W		S	34	16	42	116	52	36	416	V 141	1951			56
Z11 5844	MORENA DAM	3080	19	17S	5E		S	32	41		116	31		406		1897		5	90
X19 5863	MORONGO VALLEY	2580	28	1S	4E			34	03		116	34		900	58135	1942			36
T12 5866	MORRO BAY FIRE DEPT	115	36	29S	10E		M	35	22		120	51		900		1959			40

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T10 5867	MORRO BAY	100	25	29S	10E		M	35	22		120	50	30	430	L 115	1947			40
T10 5869	MORRO BAY 3 N	670	12	29S	10E		M	35	25		120	51		900		1959			40
U05 5871	MORRIS DAM	1210	13	1N	10W		S	34	10	53	117	52	43	410	F 3908	1933			70
Y31 5900	MT BALOY FC 85F	4300	19	2N	7W		S	34	14	12	117	39	32	410	F 85G	1920			70
W26 5900-01	MT BALOY	8650						34	16	53	117	37		410	F1109	1959			70
Y01 5901	MT BALOY NOTCH	7735	9	2N	7W		S	34	16	25	117	36	50	900					36
U05 5919-05	MT DISAPPOINTMENT	5725						34	14	42	118	06	07	410	F1138	1959			70
U05 5956-01	MT ISLIP	7520						34	20	50	117	49	57	410	F1030	1949			70
U05 5966-01	MT LOWE	4435	26	2N	12W		S	34	13	37	118	06	33	410	F 588D	1926		5	70
U05 5967-01	MT LUKENS	5040						34	16	05	118	14	06	410	F 365C	1898			70
U03 5971-50	MT PINOS STORAGE GAGE	7900						34	48	41	119	06	47	416	V 200	1959			56
U05 5976-08	MT SAN ANTONIO COL	780						34	02	58	117	50	14	410	F 255D	1930			70
U05 5979-21	MT ST MARYS COL	1025						34	05	10	118	28	57	410	F 285C	1930			70
U05 6003-05	MT WILSON OBSERVATORY	5650						34	13	27	118	03	32	410	F 338A	1933			70
U05 6006	MT WILSON FC 338B	5709	29	2N	11W		S	34	13	36	118	03	57	410	F 338B	1940			70
U05 6028-15	MULHOLLAND DR KIRKMAN	1325						34	07	52	118	28	42	410	F 765B	1947			70
U05 6028-21	MULHOLLAND FS	1101						34	07	45	118	24	20	410	F 12	1927			70
W26 6034-11	MUNZ VALLEY RCH	2600						34	42	50	118	21	15	410	F 322	1930			70
Y01 6036-01	MURDY RCH	3102						33	43	21	118		46	415	O 103				30
Z07 6039-31	MURRAY DAM	520	13	16S	2W		S	32	46	51	117	02	38	406		1913			90
U02 6041-20	MURIETTA DIVIDE SG	3460						34	29	25	119	25	40	416	V 203	1959			56
Z02 6042	MURRIETA SCS	1131	17	7S	3W		S	33	33	48	117	13	21	431	R	1954			33
Y01 6047-01	MUSCOY	1267	30	1N	4W		S	34	08	17	117	19	54	429	SB201	1940			36
Y01 6047-10	MUSCOY FIRE DEPT	1270						34	08	50	117	20	30	813	SB2018	1961			36
U03 6048-11	MUTAH FLATS	4900					S	34	38	28	119	03	11	416	V 181				56
T09 6056	NACIMIENTO DAM	770	15	25S	10E		M	35	46		120	53		900		1957			40
Z08 6088-01	NATIONAL CITY	15						32	40	04	117	06	42	913	BU 13				90
X13 6115	NEEDLES	480	32	9N	23E		S	34	50		114	36		900	SB156	1888			36
X13 6115-11	NEEDLES CO YD	451	32	7N	22E		S	34	50	02	114	35	37	429	SB178	1958			36
X13 6118	NEEDLES FAA AP	913	30	8N	23E		S	34	45	48	114	37	08	900		1940			36
X13 6119-10	NEEDLES PUMPING PLANT	1400	19	7N	23E	G	S	34	41	17	114	36	45	429	SB 59	1962			36
U03 6147	NEWBURY PARK 2 WNW	685	11	1N	20W		S	34	11	18	118	56	24	416	V 188	1956	95		56
U03 6149	NEWBURY PARK 4 SW	780	22	1N	20W	K	S	34	09		118	58		900		1956			56
U03 6149-01	NEWBURY PARK ACADEMY	810	1	1N	20W		S	34	11	46	118	56	05	416	V 158				56
U05 6155-01	NEWCOMB PASS	4025						34	14	17	118	01	04	410	F 727B	1945			70
U03 6159-11	NEWHALL RANCH	675	26	4N	18W		S	34	24	08	118	44	10	416	V 25	1912			56
U03 6162	NEWHALL SOLEDAD 32C	1243						34	23	07	118	31	54	900		1931			70
U03 6164	NEWHALL U S RS	1325						34	22	13	118	30	48	410	F 407	1949			70
Y31 6172-31	NEWMARK RES	1415						34	10	21	117	18	44	436	SB166				36
Y01 6175	NEWPORT BEACH HARBOR	8						33	36	09	117	53	57	900		1931			30
U04 6188-20	NICHOLAS CYN	340						34	02	52	118	54	57	410	F1129	1958			70
U05 6189-12	NICHOLS DAM BASIN	478						34	06	22	118	24		410	F 759B	1947			70
X19 6196	NIGHTINGALE	4025	10	7S	5E		S	33	35		116	27		900					33
X23 6197	NILAND	50	21	10S	14E		S	33	16	41	115	31	23	900		1942			13
T12 6207	NIPOMO 2 NW	360	6	11N	34W		S	35	04		120	30		900		1920			40
T12 6207-05	NIPOMO							35	02	30	120	28	35	913	SN 20	1945			40
T14 6211-51	NOJOQUI PARK	680						34	32		120	10	30	913	SQ 19				42
Y01 6215-11	NORCO	630	6	3S	6W		S	33	55	52	117	32	53	431	R	1961			33
U05 6256	NORTH HOLLYWOOD	593						34	09	23	118	21	56	410	F 13B	1936			70
U05 6270-11	NORTHRIDGE	812						34	13	52	118	32	28	405	F 25C	1920			70
U05 6276-01	NO WHITTIER COLE RCH	575						34		26	117	59	42	410	F 104				70
U05 6282-11	NORWALK	85					S	33	53	52	118	04		410	F 135	1926			70
Y01 6299-20	NUVIEW	1467	18	4S	2W		S	33	49	03	117	07	55	431	R	1957			33
U03 6308-22	OAK FLAT GUARD STA	2800						34	35	56	118	43	15	410	F1132	1958			70
Y01 6310-12	OAK GLEN SB 122	4080	27	1S	1W			34	03	20	116	58	24	429	SB122	1952			36
X19 6310-13	OAK GLEN SB 174	5400	31	1S	1E			34	02	17	116	55	02	429	SB174	1957			36
U05 6310-51	OAK GROVE	1080						34	11	47	118	10	29	410	F 731	1945			70
U02 6353-11	OAKVIEW	505						34	23	42	119	18	03	416	V 140				56
U05 6355-11	OAKWILDE PHILLIPS	2175						34	14	37	118	11	07	410	F 488	1927			70
X19 6356-01	OASIS	1170	11	8S	8E			33	29	37	116	06	44	431	R	1958			33
Z03 6376-04	OCEANSIDE NO 4	67	19	11S	4W			33	11	38	117	22	37	913	8P224	1926			90
Z02 6377	OCEANSIDE PENDLETON	60	15	11S	5W		S	33	13		117	24		900		1953			90
X22 6383	OCOTILLO WELLS	175	10	12S	8E	F	S	33	09		116	08		900		1932			90
U02 6399	OJAI	750		4N	23W		S	34	26	48	119	14	31	416	V 30	1905			56
U02 6399-02	OJAI COUNTY YARD	750					S	34	26	58	119	16	13	416	V 139				56
U04 6416-11	OLD TOPANGA	1010						34	06	29	118	37	41	410	F1050	1952			70
U05 6432	OLINDA	490	8	3S	9W			33	55		117	51		900		1941			30
U03 6432-75	OLIVE VIEW	1425						34	19	24	118	26	55	410	F 395B	1935			70
Y01 6435-71	OLIVE HEIGHTS	230						33	50	16	117	50	43	415	O 136				30
Y01 6457-02	ONTARIO F S	1030	30	1S	7W			34	03	46	117	38	57	429	SB 26	1883			36
Y01 6457-20	ONTARIO SEWAGE PLANT	815	3	2S	7W			34	01	45	117	36	17	429	SB240				36
U05 6465	ORIDS CAMP FC 578E	4250	14	2N	12W			34	15	18	118	05	41	900		1916			70
Y01 6472-01	ORANGE	216						33	47	15	117	50	26	415	O 148				30
U02 6543-01	ORTEGA HILL	5050						34	34	27	119	21	36	416	180				56
U03 6567-11	OXENS MOUTH	2850						34	19	28	118	34	14	410	F 31	1928			70

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U03 6569	OXNARO OIST 5 YARO	35						34	12	07	119	12	25	416	V 168	1956			56
U03 6569-01	OXNARO	51						34	11	24	119	10	24	416	V 32				56
T12 6576	OZENA	3705	21	7N	23W		S	34	42		119	19		900		1904			56
T12 6576-01	OZENA G 5	3600						34	41		119	21	12	416	V 174				56
Z06 6586-11	PACIFIC BEACH	35						32	47	55	117	15	17	913	80 20				90
W26 6598-51	PACIFIC MOUNTAIN	6880						34	21	40	118	01	44	410	F1038B	1950			70
U05 6599-61	PACIFIC PALISADES	320						34	02	38	118	31	36	410	F 491B	1944			70
U05 6601-21	PACOIMA CANYON	2075						34	20	51	118	22	20	410	F 422G	1937			70
U05 6601-22	PACOIMA CYN-CITY RD	3175						34	21	42	118	18	25	410	F 728	1945			70
U05 6601-24	PACOIMA CNYN DUTCH	3220		3N	14W		S	34	21	07	118	20	38	410	F 466B	1941			70
U05 6601-61	PACOIMA RAODATZ	902						34	14	57	118	26	40	410	F 27B	1925			70
U05 6601-71	PACOIMA WAREHOUSE	955						34	15	21	118	24	24	410	F 219	1929			70
U05 6602	PACOIMA DAM FC 33A E	1500	24	3N	15W		S	34	19	48	118	23	59	900		1931			70
Y01 6605-11	PADUA HILLS PS	1800						34	08	52	117	41	55	410	F1020B	1948			70
W26 6624	PALMDALE	2655	26	6N	12W		S	34	35		118	07		900	F3510	1931			70
W26 6624-01	PALMDALE MMS	2662	26	6N	12W	O	S	34	34	25	118	06	45	410	F 4410	1939			70
W26 6626-05	PALMDALE-CIRCLE C	2880						34	32	11	118	03	48	410	F1073B	1953			70
W26 6627	PALMDALE FAA AP	2517	7	6N	11W		S	34	36	59	118	05	02	900		1943			70
Y01 6628-11	PALMER CANYON	2120						34	09	36	117	42	07	410	F1010B	1946			70
X19 6633-01	PALM DESERT	263	19	5S	6E		S	33	43	08	116	23	33	431	R	1958			33
W26 6634-30	PALM ROCK RANCH	2615						34	35	40	117	58	10	410	F1154	1961			70
X19 6635	PALM SPRINGS	411	13	4S	4E		S	33	49	34	116	32	41	900		1931			33
X19 6639-10	PALM SPRINGS N SOOFFO	875	10	3S	4E		S	33	55	28	116	32	44	431	R	1958			33
X19 6640	PALM SPRINGS TRAMWAY	8505	14	4S	3E		S	33	49		116	39		900					33
U04 6649-11	PALO COMADO CYN	1175						34	09	45	118	44	16	410	F1016	1948			70
Z02 6657	PALOMAR MTN OBSERV	5560	27	9S	1E		S	33	21		116	51		900		1942			90
U05 6663	PALOS VERDES ESTATES	216		4S	14W		S	33	48	02	118	23	26	410	F 430	1927			70
U05 6663-01	PALOS VERDES	400						33	46	47	118	20	35	410	F 444F	1929			70
U05 6663-12	PALOS VERDES HILLS FS	1275						33	45	25	118	21	11	410	F1011B	1955			70
U05 6663-14	PALOS VERDES HILLS HR	1200						33	45	40	118	22	20	410	F1139	1959			70
Y01 6680-01	PANORAMA	3760						34	13	35	117	18	29	429	SB130				36
U05 6689-51	PARAMOUNT-CO FS	70						33	53	30	118	09	36	410	F 388C	1935			70
X14 6699	PARKER RESERVOIR	738	5	2N	27E		S	34	17		114	10		900	SB 63	1934			36
T09 6703-10	PARKFIELD	1590	23	23S	14E		M	35	55		120	26		430	L 127	1950			27
U05 6719	PASADENA	864						34	08	54	118	08	36	900		1931			70
U05 6719-02	PASADENA CAL TECH	800						34	08	14	118	07	25	410	F 303F	1930			70
U05 6719-03	PASADENA CHLORINE PLT	1181						34	12	27	118	10		410	F 612	1916			70
U05 6719-06	PASADENA-GLEN	1400						34	10	54	118	04	42	410	F 696				70
U05 6719-08	PASADENA-HURLBURT FS	780						34	07	48	118	09	12	410	F 613B	1939			70
U05 6719-10	PASADENA JOURDAN	705						34	08	52	118	05	14	410	F 795	1949			70
U05 6719-14	PASADENA MET STA	918						34	09	48	118	09	27	410	311B	1938			70
U05 6719-18	PASADENA-SHELDON RES	1052						34	10	39	118	09	56	410	F 678	1938			70
U05 6727-01	PASEO MIRAMAR	700						34	03	34	118	33	25	411	F 770B				70
T09 6730	PASO ROBLES	700	33	26S	12E		M	35	38		120	41		900		1887			40
T09 6732-01	PASO ROBLES GERST	1500	14	26S	10E		M	35	40		120	51	30	430	L 44	1925			40
T09 6742	PASO ROBLES FAA AP	803	13	26S	12E		M	35	40		120	38		900		1944			40
T09 6743-10	PASO ROBLES(SOH)	720	28	26S	12E		M	35	38		120	41		430	L 144	1954			40
Y01 6754-11	PATTON	1370	29	1N	3W			34	08		117	12		429	SB170A	1959			36
W26 6760-01	PAUL	3390						34	29	13	117	50	02	410	F 564C	1915			70
U05 6760-53	PAULARINO-SMIFFER	47						33	40	55	117	53	26	415	O 47				30
Y01 6776-21	PEDLEY FIRE STA	710	26	2S	6W		S	33	58	31	117	29	07	431	R	1954			33
Y02 6816	PERRIS	1470						33	47		117	14		900					33
T10 6816-10	PEROZZI	470	6	31S	13E		M	35	15	40	120	37	20	430	L 129	1951			40
Y01 6818-11	PERRIS FORESTRY	1452	30	4S	3W		S	33	47	15	117	13	45	431	R				33
Y02 6818-12	PERRIS MILL	1280	36	1N	4W		S	34	08		117	16		436	SB163	1935			33
Y02 6818-16	PERRIS RES EVAP	1448						33	50	04	117	11	59	813		1963			33
W28 6848-01	PMELAN	4160	24	4N	7W			34	25		117	34		429	SB205	1958			36
U05 6850-01	PICKENS DEBRIS BAS	1600						34	13	18	118	13	45	410	F 468	1947			70
Y01 6858-01	PIGEON PASS	1910	23	2S	4W		S	33	59	16	117	16	09	431	R				33
U03 6862	PIEDRA BLANCA G 5	3065	36	6N	22W	M	S	34	31		119	11		416	V 152	1959			56
W28 6868-01	PILOT ROCK EVAP		10	2N	4W	K	S	34	16	16	117	16	53	813	SB220	1960			36
Y01 6889-01	PINE 2	575	5	3S	7W		S	33	56	46	117	38	25	429	SB 7A	1949			36
U03 6891	PINE CANYON PAT STN	3286	23	7N	15W	R	S	34	40	24	118	25	45	410	F 321E	1931			70
W26 6891-01	PINE CANYON G 5	3810						34	41	55	118	30	35	410	F1117	1956			70
U03 6902-51	PINE MTN	6740						34	38	22	119	19	19	416	V 176				56
U05 6902-52	PINE MOUNTAIN	4100						34	13	35	117	54	28	410	F*X29	1959			70
U03 6910	PINE MOUNTAIN INN	4200	18	6N	23W		S	34	36		119	21		900	V 63	1965			56
U03 6910-01	PINE TREE RANCH	400						34	22	27	119		50	416	V 87				56
U03 6940	PIRU 2 ESE HOOTRS	730	27	4N	18W	E	S	34	24	22	118	45	22	900	V 101	1928			56
U03 6940-02	PIRU CANYON	1150						34	30	47	118	45	27	416	V 172				56
U03 6940-03	PIRU CITRUS ASSN	700						34	24	39	118	47	37	416	V 36	1927			56
U03 6941-10	PIRU PROCTOR RANCH	640						34	24	29	118	49	02	416	V 106	1931			56
T10 6943	PISMO BEACH	80	19	32S	12E		M	35	08		120	38		900		1949			40
W26 6958-03	PIUTE BUTTE	2680						34	39	02	117	50	57	410	F 456	1940			70
U05 6959-01	PLACENTIA AUW CO	190						33	51	32	117	53	06	415	O 29				30

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U05 6959-02	PLACENTIA MUT ORANGE	225						33	52	42	117	52	24	415	O 27				30
U03 6959-51	PLACERITA CANYON	1485						34	22	37	118	28	43	410	F 2840	1928			56
W26 6983-41	PLEASANT VIEW	3980						34	27	34	117	55	57	410	F 4608	1940			70
T15 7016-21	PT CONCEPTION	110						34	26	57	120	28	15	913	SO 258				42
T10 7024	PT PIEDRAS BLANCAS	59	13	26S	6E	M		35	40	05	121	17		900		1938			40
U05 7036-11	POINT VICENTE L H	125	14	5S	15W	S		33	44	30	118	24	38	410	F 44	1926			70
U05 7050	POMONA	855		1S	8W			34	03	58	117	46	21	900	SB 40	1913			70
Y01 7050-01	POMONA FIRE STATION	544						34	03	16	117	45	10	410	F 256C	1883			70
Y01 7050-07	POMONA MITCHELL	778						34	01	37	117	44	25	410	F 263C	1930			70
Y01 7050-12	POMONA-STEVENS	820						34	01	34	117	46	06	410	F 263F	1956			70
T11 7057-10	POND RANCH NO 2	1300	3	28S	16E	M		35	31		120	13	40	430	L 911	1939			40
U03 7080	PORT HUENEME	20	20	1N	22W	S		34	08	40	119	12	30	416	V 17	1891			56
U03 7102-41	POTRERO CANYON	1150						34	28	50	118	38	18	410	F1040	1951			70
U05 7103-51	POTRERO HEIGHTS	285						34	02	34	118	04	50	410	F 170D	1926			70
Z06 7111	POWAY VALLEY	440	12	14S	2W	S		32	57		117	04		900		1879			90
Y01 7123-01	PRADO DAM EXP STA	475	20	3S	7W	S		33	53	25	117	38	39	415	O 238	1930			33
U05 7123-11	PRAIRIE FORKS	5640						34	20	20	117	41	30	410	F 808	1926			70
U05 7160-01	PUDDINGSTONE DAM	1030	15	1S	9W	S		34	05	30	117	48	22	410	F 968	1927			70
U05 7161-02	PUENTE-FERRERO	380						34		12	117	56	19	410	F 2548	1930			70
U05 7161-03	PUENTE HILLS-WEISEL	645						33	57	08	117	55	26	410	F 2650	1925			70
U05 7161-06	PUENTE HILLS	840						33	59	40	117	59	31	410	F 2018	1924			70
U05 7161-08	PUENTE-N WHITTIER	314						34	01	14	117	58	40	410	F 679	1935			70
W26 7163-31	PUNCH BOWL RANCH	4760						34	24	48	117	51	25	410	F1111C	1964			70
W26 7164-40	PUZZLE SPRINGS RANCH	4130						34	26	34	117	40	25	410	F1130	1958			70
X08 7177	QUAIL CANYON	3448	12	1S	6E	S		34	05	35	118	30		429	SB238				36
Y02 7178-70	QUAIL VALLEY	1590	30	5S	3W	P S		33	42	22	117	14	07	808	R	1958			33
Y02 7221-01	RAILROAD CANYON DAM	1390	2	6S	4W	S		33	40	36	117	16	31	16	R	1927			33
Z05 7231	RAMONA SPAULDING	1470	2	13S	1W	S		33	04		116	51		900		1949			90
Z03 7244	RANCHITA	4110	23	11S	4E	S		33	14		116	32		900		1942			90
T09 7244-10	RANCHITA SLO	655	25	31S	13E	M		35	12		120	26		430	L 100	1943			40
U05 7247-51	RANCHO LOS AMIGOS	90						33	55	18	118	09	44	410	F 270C	1930			70
U02 7247-72	RANCHO MATILIJA EVAP	600						34	25	45	119	18	35	416	V-150				56
Z05 7249-51	RANCHO SANTA FE	240	21	13S	3W	S		33	01	12	117	12	06	913	BP129B				90
U03 7249-61	RANCHO SESPE	430						34	23		118	57	52	416	V 39	1907			56
W25 7253	RANDSBURG	3522	35	29S	40E	M		35	22		117	39		900		1937			15
U04 7255-51	RATTLESNAKE CANYON	1290						34	05		118	51	55	410	F1068	1953			70
Y01 7284-01	RECHE CANYON	1750	18	2S	3W	S		33	59	42	117	13	52	431	SB 9A	1953			33
U05 7293-20	RED BOX GAP	4625						34	15	30	118	06	18	410	F1124B	1957			70
Y01 7306-01	REDLANDS ROTH	1239	32	1S	3W	S		34	02	02	117	12	32	429	SB 23	1935			36
Y02 7306-02	REDLANDS SB 101	1194	20	1S	3W	S		34	03	30	117	12	57	429	SB101	1930			36
Y01 7306-03	REDLANDS SB 144	1274	27	1S	3W	S		34	03		117	11		429	SB144	1899			36
Y01 7311	REDLANDS COUNTRY CLUB	2080	12	2S	3W	S		34	01	09	117	08	55	429	SB239				36
U05 7324	REDONDO BEACH	70						33	50	43	118	23	20	410	F 42C	1918			70
U03 7375-10	REYNOLDS RANCH							34	44	12	118	53	18	416	V 145	1952	1955		56
Y01 7384-08	RIALTO	1246	2	1S	5W			34	06	24	117	21	50	429	SB 4A	1943			36
Y01 7384-09	RIALTO ADAMS	1175	15	1S	5W			34	05	19	117	22	59	813	SB191	1940			36
Y02 7391-41	RICE RANCH RIV CO	1980	33	4S	5W	S		33	47	05	117	23	59	417	MWD				33
U02 7391-51	RICE RANCH VEN CO	750						34	27	29	119	17	41	416	V 156				56
U03 7403-11	RICHFIELD OIL	1560						34	26	08	119	08	02	416	V 65				56
U03 7425-01	RIDGE ROUTE MAINT STA	2505	27	7N	18W	S		34	40	34	118	46	47	410	F 409	1936			70
U05 7441-11	RIO HONDO SPREAD GRND	155		2S	12W	S		33	59	25	118	06	33	410	F1014D	1927			70
X15 7447-65	RIPLEY F.C. STA.	250	35	7S	22E	S		33	31	30	114	39		431	R				33
Y01 7469-01	RIVERSIDE C.F.C.+W.CO	875	14	2S	5W	S		33	58	43	117	22	29	431	R				33
Y01 7470	RIVERSIDE FIRE STN 3	820	34	2S	5W	S		33	57		117	24		900	SB145	1931			33
Y01 7473	RIVERSIDE CITRUS EXP	1015	30	2S	4W	K S		33	58		117	20	05	900	SB 61	1948			33
U05 7491-11	ROBERTA CANYON	4100						34	13	30	117	55	15	410	F 732B	1945			70
W03 7510-11	ROCK CREEK LAOWP	9360						37	28	12	118	43	24	405					26
U05 7530	ROGERS CANYON	770	26	1N	1W	S		34	09	46	117	54	15	410	F 700	1924			70
U05 7553-11	ROSCOE MERRILL	1100						34	14	19	118	21	33	410	F 148	1927			70
U05 7560-50	ROSEMEAD	305						34	04	53	118	03	55	410	F1140	1960			70
Y01 7588-01	RUBIDOUX LAB USDA		22	2S	5W	S		33	58	35	117	23	53	431	R	1938			33
U05 7589-11	RUBIO DEBRIS DAM	1653						34	11	57	118	07	22	410	F1079	1954			70
T09 7598-01	RUNITZ RANCH	1150	31	27S	13E	M		35	32	06	120	36	41	430	L 30	1914			40
W28 7600	RUNNING SPRINGS 1 E	5965	4	1N	2W	S		34	12		117	05		900	SB 62	1934			36
U05 7609-11	RUSTIC CANYON	265						34	03	06	118	30	32	410	F 771	1947			70
YU2 7613-11	RYAN FIELD	1509	17	5S	1W	S		33	43	48	117	01	17	431	R	1955			33
Z02 7640-50	SAGE F C STA	2290	12	7S	1W	S		33	34	52	116	55	52	431	R	1963			33
T09 7672	SALINAS DAM	1380	8	30S	14E	M		35	20		120	30		900		1942			40
T14 7681	SALSIPUEDES GAGING ST	250	24	6N	34W	S		34	35	07	120	24	26	900		1941			42
U03 7685-01	SALT CANYON	2850						34	21	24	118	39	42	410	F1019	1948			70
Y01 7711	SAN ANTONIO CNYN MTH	2394	13	1N	8W	S		34	10	24	117	40	31	4	F 587B	1917			70
Y01 7711-01	SAN ANTONIO CANYON	7735						34	16	29	117	36	35	410	F10558	1955			36
Y01 7712-06	SAN ANTONIO HTS	1901	19	1N	7W	S		34	09	03	117	39	03	429	SB 85	1942			36
Y01 7712-08	SAN ANTONIO SP GROS	2090				S		34	09	20	117	40	55	410	F 691B				70
T10 7722-15	SAN BERNARDO RANCH	350	23	29S	11E	M		35	23	20	120	46		430	L 159	1961			40

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Y01 7723	SAN BERNARDINO HOSP	1125	34	1N	4W		S	34	07	40	117	16		900	58 146	1931			36
Y 1 7724-04	SAN BERNARDINO CO FCC	1050						34	06		117	17	02	429	58 18				36
Z 1 7731-20	SAN CLEMENTE POLICE	135						33	25	45	117	36	52	415	O 131	1931			30
U03 7732-11	SAND CANYON BARRUS	1780						34	23	13	118	25	03	410	F 4938				70
U03 7734	SANDBERG PATROL STN	4025		8N	17W		S	34	44	37	118	42	43	410	F 1306	1931			70
U03 7735	SANDBERG WB	4517	31	8N	17W	C	S	34	45		118	44		900		1933			70
Z08 7740	SAN DIEGO WB AP	19						32	44		117	10		900		1931			90
Z05 7744-01	SAN DIEGUITO DAM	250	16	13S	3W		S	33	02		117	12		406		1924			90
U05 7746-02	SAN DIMAS CYN E FK	2705						34	11	41	117	44	26	410	F 741	1934			70
U05 7748-01	SAN DIMAS DAM	1350	24	1N	9W		S	34	09	10	117	46	17	410	F 896	1924			70
U05 7749	SAN DIMAS FC 95	955	11	1S	9W		S	34	06	26	117	48	19	900	58154	1931			70
U05 7749-01	SAN DIMAS EXP STA	3100	1	1N	9W		S	34	06		117	46		907		1933			70
U05 7749-03	SAN DIMAS R S	1485					S	34	10	04	117	46	02	410	F 870	1925			70
U05 7749-04	SAN DIMAS-STEVENS	1110					S	34	07	39	117	47	42	410	F 134	1928			70
U05 7750	SAN DIMAS TANBARK	2745	6	1N	8W		S	34	12	20	117	45	40	900	58157	1929			70
U05 7759	SAN FERNANDO	965	9	2N	15W		S	34	16	22	118	27	50	900		1931			70
U05 7760-10	SAN FNDO VLY STATE CO	857						34	14	17	118	31	48	410	F1157	1962			70
U05 7762	SAN FERNANDO PH NO 3	1248						34	18	49	118	29	30	900		1948			70
U05 7762-11	SAN FERNANDO VET HOSP	1730						34	19	35	118	24	44	410	F1054	1952			70
U03 7773	SAN FRANCISQUITO 2	1580	14	5N	16W		S	34	32	02	118	31	27	410	F 372	1929			70
U05 7775-30	SAN GABRIEL BRUINGTON	472						34	06	18	118	06	32	410	F 2270	1953			70
U05 7775-45	SAN GABRIEL C EFK DOT	2050					S	34	14	26	117	43	36	410	F10648	1953			70
U05 7775-50	SAN GABRIEL C EFK T IN	2775					S	34	16	58	117	44	48	410	F1069	1953			70
U05 7775-51	SAN GABRIEL CYN EFK 2	1600					S	34	14	09	117	48	18	410	F 3795	1934			70
U05 7775-55	SAN GABRIEL CYN HELI	3200					S	34	15	32	118	01	30	410	F1160	1962			70
U05 7776	SAN GABRIEL CYN PH	744	22	1N	10W		S	34	09	20	117	54	28	900	F 627	1917			70
U05 7779	SAN GABRIEL DAM	1481	6	1N	9W		S	34	12	19	117	51	40	410	F 425B	1917			70
U05 7779-01	SAN GABRIEL DAM CAMP	1500					S	34	13	33	117	50	48	410	F 768	1937			70
U05 7785	SAN GABRIEL FIRE DPT	450		1S	12W		S	34	06	11	118	05	56	900	F 742C	1939			70
U05 7786-15	SAN GABRIEL NO FORK	2200						34	15	43	117	50	40	410	F1144	1960			70
Y02 7810	SAN JACINTO	1550	27	4S	1W		S	33	48		116	59		900		1886			33
Y02 7813-30	SAN JACINTO ST DIV FO	1555	35	4S	1W		S	33	47	12	116	57	30	431	R	1940			33
Y01 7818-11	SAN JOAQUIN FR IT CO	197					S	33	42	55	117	45	43	415	O 60				30
U05 7826-10	SAN JOSE HILLS GALSTE	440						34	03		117	54	53	410	F11488	1961			70
Z01 7846-51	SAN JUAN CAPISTRANO	150						33	30	42	117	38	29	415	O 86				30
Z01 7846-52	SAN JUAN CAPISTRANO S	150						33	30	44	117	39	58	415	O 92A	1923			30
T10 7850	SAN LUIS OBISPO TANK FARM	118	11	31S	12E		M	35	16	20	120	39	30	430	L 54	1931			40
T10 7851	SAN LUIS OBISPO POLY	300	23	30S	12E		M	35	18		120	40		900		1869			40
T10 7851-50	SAN LUIS OBISPO (SDH)	150	34	30S	12E		M	35	16		120	40	30	430	L 143	1954			40
T10 7854	SAN LUIS OBISPO SOF	330	22	30S	12E		M	35	18		120	40		430	L 96	1943			40
U05 7862-46	SAN MARINO-HUNTINGTON	670						34	07	38	118	06	48	410	F 275	1920			70
T09 7868-01	SAN MIGUEL SP MILL	620	16	25S	12E		M	35	45		120	41		430	L 125	1949			40
T14 7869-41	SAN MIGUELITO CYN	1000					S	34	35	20	119	29	40	913	Su 50				42
U05 7876-11	SAN PEDRO HILLS	1240						33	46	30	118	22	58	410	F 2730	1955			70
U05 7876-21	SAN PEDRO RES	150						33	44	37	118	17	47	410	F1006	1944			70
U05 7876-26	SAN PEDRO 2	85						33	43	15	118	16	17	410	F 629C				70
Y01 7887-11	SAN TIMOTEO	1603	14	2S	5W			33	58	10	117	07	30	429	58 2A	1953			33
Y01 7888	SANTA ANA FIRE STA	115						33	44	39	117	52	02	900	O 68	1889			30
Y01 7888-01	SANTA ANA	125						33	45		117	52	12	415	O 1210				30
Y01 7891	SANTA ANA RIVER PH 3	1980	4	1S	2W		S	34	06	30	117	06	55	4	58162	1906			36
Y01 7894	SANTA ANA RIVER PH 1	2765	26	1N	3W		S	34	09		117	04		900	58147	1904			36
U05 7897	SANTA ANITA FERN LGE	2035	3	1N	11W		S	34	12	30	118	0		410	F 432	1938			70
U05 7898-20	SANTA ANITA CN HELIPT	2575						34	12	52	118	01	05	410	F1146	1960			70
U05 7898-40	SANTA ANITA SPRING CA	4655						34	14	52	117	58	56	410	F 477D	1958			70
T15 7902	SANTA BARBARA	100	22	4N	27W		S	34	25		119	42		900		1867			42
T15 7905	SANTA BARBARA FAA AP	9	17	4N	28W		S	34	26		119	50	06	900		1940			42
T14 7909	SANTA BARBARA TV PK	400	7	5N	29W		S	34	31	32	119	53	27	900		1953			42
U05 7912-11	SANTA CLARA RIDGE	5420						34	22	36	118	22	23	410	F 419	1937			70
U15 7926	SANTA FE DAM	427	6	1S	10W		S	34	07	04	117	58	24	900		1941			70
U03 7928-02	SANTA FELICIA RES	1140						34	28	23	118	35	07	410	V 160				56
T09 7932-01	SANTA MARGARITA 2 SW	1153	36	29S	12E		M	35	22		120	38		430	L 81	1939			40
T09 7933	SANTA MARGARITA ESTA	1130	28	29S	12E		M	35	22		120	38		900		1931		3	40
T09 7933-2	SANTA MARGARITA NO3	1080	20	29S	13E		M	35	23	30	120	36	20	430	L 170	1964			40
T09 7934-01	SANTA MARGARITA P STA	974	17	29S	13E		M	35	24	30	120	36	06	430	L 60	1931			40
T12 7946	SANTA MARIA WB AP	238	33	10N	34W		E	34	54		120	27		900		1943			42
U15 7950	SANTA MONICA	60						34		43	118	29	28	900	F 6348	1927			70
U15 7953	SANTA MONICA PIER	15						34	01		118	30		900		1937			70
U03 7957	SANTA PAULA	260	11	3N	21W		S	34	21		119	05		900		1948			56
U03 7957-3	SANTA PAULA CYN	980						34	25	40	119	05	26	416					56
U03 7957-5	SANTA PAULA CO AGRI	290						34	21	19	119	03	42	416	V 19	1931			56
T09 7961-2	SANTA RITA CR TEMPLTN	855	2	28S	11E		M	35	31	26	120	45	54	430	L 164	1962			40
U03 7973-14	SANTA ROSA VALLEY	275						34	4	10	118	56	01	416	V 49	1929			56
U03 7973	SANTA SUSANA 4 NNE	1500	19	3N	17W	E	S	34	19	42	118	41	54	900		1955	1958		56
U03 7973-1	SANTA SUSANA DEVIL CN	3340						34	20	18	118	36	44	410	F10188	1948			70
Z05 7983-1	SANTA YSABEL STORE	2981	21	12S	3E			33	07		116	40		913	9P 49	1912			90

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Station Number	Station Name	Elevation in Feet	Section	Township	Range	40 Acre Tract	Base and Meridian	Latitude Degrees	Latitude Minutes	Latitude Seconds	Longitude Degrees	Longitude Minutes	Longitude Seconds	Geographic Number	Cooperative's Index Number	Record Began	Record Ended	Number of Missing Years	County Code
[illegible] 7987	SANTIAGO DAM	867						33	47		117	49	20	400	C 116	1932			30
W26 7987-03	SANTIAGO CYN	4500						34	26	36	118	04		410	F1067	1953			70
W26 7987-02	SANTIAGO CREEK	3280						34	28	41	118	01	24	410	F10178	1948			70
Z01 7987-12	SANTIAGO PEAK	5660						33	42	39	117	31	59	415	O 156				33
Z07 7989	SAN VICENTE RES	660	31	14S	1E		S	32	55		116	55		406					90
U03 8008-02	SATICOY-CULBERTSON	170					[illegible]	34	17	05	119	08	35	416	V 132				56
U03 8008-03	SATICOY-DEL MAR	30					[illegible]	34	16	40	119	12	10	416	V 6				56
U03 8008- 4	SATICOY FIRE STATION	190	2	2N	22W		[illegible]	34	17	17	119	09	10	416	V 175				56
U03 8014	SAUGUS POWER PLANT 1	2105		6N	15W		[illegible]	34	35	20	118	27	10	900	F 125	1933			70
U03 8014-03	SAUGUS EDISON STA	1096					[illegible]	34	25	21	118	34	26	410	F 200	1928			70
U03 8014-08	SAUGUS-NEWHALL	1150					[illegible]	34	24	56	118	32	51	410	F 475	1941			70
W26 8021-01	SAWMILL MTN RCH	3700						34	43	15	118	35		410	F 277	1931			70
U05 8022-12	SAWPIT CYN DEER PK	2690						34	11	38	117	57	52	410	F 304	1930			70
U05 8022-14	SAWPIT DAM NO 2	1378						34	10	34	117	59	14	410	F 688	1926			70
U05 8023-01	SAWTELLE	250						34	02	43	118	26	55	410	F 1400	1928			70
U05 8023-03	SAWTELLE SOLDIER HOME	396						34	03	27	118	27	37	410	F 1199	1896			70
U05 8038-51	SCHOLL DEBRIS BAS	967					[illegible]	34	09	13	118	12	01	410	F1110	1956			70
Z04 8052-51	SCOTT RANCH	170						33	03	45	117	15	15	913	BP133				90
Y01 8056- 1	SCUDDER RES	99						33	45	06	117	53	22	415	O 161				30
U02 8085-01	SELBY RANCH	753	14	4N	24W	U	S	34	25	06	119	22	18	416	V 44	1928			56
U04 8088-01	SEMINOLE HOT SPGS	975						34	06	20	118	47	29	410	F 38	1927			70
U05 8092	SEPULVEDA DAM	740						34	10	02	118	28	06	900	F 465C	1939			70
U05 8092-01	SEPULVEDA AND RAYEN	828						34	13	52	118	28	04	410	F 98	1928			70
U05 8092-03	SEPULVEDA CANYON	570						34	04	50	118	28	12	410	F 7788	1947			70
U05 8092-04	SEPULVEDA CANYON 19	1300						34	06	25	118	28	26	410	F 7638	1947			70
U05 8092-05	SEPULVEDA DAM	683						34	10	06	118	28	11	410	F 465C	1957			70
U05 8092-11	SEPULVEDA-MULHOLLAND	1429						34	07	51	118	29	26	410	F 117	1928			70
U02 8095-01	SELBY RANCH	750	14	4N	24W	U	S	34	25	32	119	21	22	416	V 166	1921			56
T09 8110-05	SEVEN-X RANCH	1200	8	27S	10E		M	35	36		120	55		430	L 59	1930		1	40
T09 8126-01	SHANDON DIV OF HWYS	1090	20	26S	15E		M	35	39	30	120	22	30	430	L 73	1937			40
T09 8126-03	SHANDON UNION OIL CO	1091	2	26S	15E		M	35	41		120	20	30	430	L 53	1931			40
U05 8158	SHELL ABSORPTION PLT	680						33	57		117	54		900		1948			70
U05 8190-20	SHORTCUT CYN W FORK	4425						34	15	55	118	04	08	410	F1152	1965			70
U05 8210-01	SIERRA MADRE DAM	1100						34	10	34	118	02	32	410	F 144	1928			70
U05 8210-06	SIERRA MADRE MWPP	985					S	34	10	11	118	02	51	410	F 2948	1930			70
U05 8210-07	SIERRA MADRE PEGL	658					[illegible]	34	09	27	118	02	36	410	F 66	1925			70
U05 8211	SIERRA MADRE PUMP STA	700						34	09	47	118	02	21	410	F 169E	1927			70
U05 8211-11	SIERRA MADRE USFS	935						34	10	15	118	01	54	410	F 681A	1937			70
U05 8230	SIGNAL HILL FC 415	100						33	47	49	118	10	03	410	F 415	1937			70
Y01 8243-01	SILVERADO CANYON	1500						33	44	55	117	38	27	415	O 180				30
U05 8252-11	SILVER LAKE RES	455	9	1S	13W		S	34	06	08	118	15	54	405	F 336	1930			70
U03 8256	SIMI	770						34	17		118	58		416	V 184	1956			56
U03 8258	SIMI 3 E	920	11	2N	18W	L	S	34	16	18	118	44	24	900		1956	1958		56
U03 8258-1	SIMI FORSON RANCH	1100						34	15	44	116	39	32	416	V 93	1931			56
T09 8259-01	SIMLER DIV OF HWYS	2047	6	30S	19E		M	35	21		119	59		430	L 71	1937			40
Y02 8261-11	SIMMS RANCH	2140	27	4S	1E		[illegible]	33	47	49	116	52	22	417	MWD				33
Y01 8263	SINGLETON RANCH		25	2S	2W		S							431					33
X19 8317	SNOW CREEK UPPER	1940	33	3S	3E	D	S	33	52		116	41		900		1939		2	33
T11 8326	SODA LAKE	1975	10	31S	19E		M	35	14	47	119	58	09	430	L 47	1925			40
U03 8338-02	SOLEDAD CYN-ECKLES	2150						34	26	23	118	17	33	410	F 405C	1936			70
U03 8338-04	SOLEDAD PASS	3520						34	29	35	118	05	58	410	F1063	1953			70
U03 8338-10	SOLEDAD CYN-BERMITE	1200						34	24	5	118	31	05	410	F1142	1960			70
U03 8347	SOMIS 2 NW	510	5	2N	20W		S	34	16	58	119	[illegible]	2	900		1955	1958		56
U03 8347-01	SOMIS SNYDER RCH	300	17	2N	20W		S	34	15	47	118	59	46	416	V 54	1892			56
U03 8347-02	SOMIS	290						34	15	21	118	59	45	416	V 215	1961			56
U03 8348	SOMIS 3 NE	485		2N	20W		S	34	17		118	58		900		1955	1958		56
U03 8349	SOMIS 3 NW	510		2N	21W		S	34	17	30	119	[illegible]		416	V 190	1955			56
U03 8350	SOMIS 5 WNW	520	3	2N	21W		S	34	17	[illegible]	119	04	20	900		1955	1958		56
U03 8350-03	SOMIS AGGEN RCH	375	12	2N	21W		S	34	16	08	119	02	04	416	V 2	1904			56
U02 8365-51	SOPERS RANCH	870						34	28	56	119	17	37	416	V 151				56
T10 8374-05	SOTO RANCH NR CAMBRIA	440	22	27S	9E		M	35	34	10	120	59		430	L 169	1963			40
U05 8377-05	SOUTH GATE	130						33	57	16	118	12	43	410	F 474A	1941			70
U05 8379-46	SOUTH HAWKINS	7720						34	18	40	117	48	32	410	F10499	1953			70
X19 8390	SO FORK CABIN	7120	31	1S	2E	S		34	04	50	116	49	31	900		1960			33
U05 8414-01	SOUTH PASADENA	690					[illegible]	34	06	58	118	09	05	410	F 111	1927			70
Z08 8422-05	SO SAN DIEGO							32	41	35	117	07	10	913	BA 20	1960			90
W21 8425-30	SOUTH TRONA	1640						35	41	50	117	23	45	429	[illegible]230	1962			36
U05 8436	SPADRA PACIFIC COLONY	690	34	1S	9W		S	34	07	31	117	48	35	410	F 474A	1920			70
T09 8443-20	SPRAGUE CAMP	1250	2	28S	15E		M	35	31		120	19		430	L 164	1962			40
U03 8449-42	SPRING CYN	1300						34	26	17	118	[illegible]	05	410	F11418	1960			70
W28 8476	SQUIRREL INN 1	6239	25	2N	4W		S	34	14		117	15		900	SB149	1919			36
W28 8479	SQUIRREL INN 2	5680	19	2N	3W		[illegible]	34	14		117	14		900	SB 47	1931			36
U05 8499-01	STANTON	55						33	48	35	118		06	415	39A				30
[illegible] 8536-11	STEWART CAN DEB POND	920	1	4N	12W	E	[illegible]	34	27	34	119	14	48	416					56
W28 8566	STODDARD VALLEY	2865	29	8N	1W	F	S	34	45		117			429	B225	1962			36

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INDEX OF CLIMATOLOGICAL STATIONS FOR 1964-65
SOUTHERN CALIFORNIA

Station Number	Station Name	Elevation in Feet	Section	Township	Range	40 Acre Tract	Base and Meridian	Latitude Degrees	Latitude Minutes	Latitude Seconds	Longitude Degrees	Longitude Minutes	Longitude Seconds	Cooperator Number	Cooperator's Index Number	Record Began	Record Ended	Number of Missing Years	County Code
U05 8574-01	STONE CANYON	540						34	05	11	118	26	45	410	F 10	1928			70
U05 8574-02	STONE CANYON DAM	865						34	06	21	118	27	13	410	F 237				70
U05 8574-04	STONE CANYON RAIL	975						34	06	22	118	26	50	410	F 764	1947			70
U05 8574-05	STONE CANYON RES	865	9	1S	15W		S	34	06	21	118	27	13	405	F 237C				70
U05 8590-10	STOUGH PARK	1375						34	12	15	118	18	03	410	F11378	1959			70
U05 8610-20	STUDIO CITY-GOODLAND	680						34	08	29	118	24	26	410	F 760	1947			70
U05 8614-01	STURTEVANT CAMP	3225						34	13	51	118	02	19	410	F 58				70
T12 8627	SUEY RANCH	600	32	11N	33W		S	34	59	40	120	22	35	900					40
U05 8637-01	SULLIVAN CANYON	1465						34	07	19	118	30	52	410	F 768	1947			70
W28 8646-11	SUMMIT VALLEY RENTFRO	3500	28	3N	5W	A	S	34	19	10	117	23	53	429	SB1698	1962			36
U05 866	SUNLAND	1460	13	2N	14W		S	34	16		118	18		900		1949			70
Y02 8664-01	SUNNYMEAD	1643	1	3S	4W		S	33	56	22	117	14	50	431	R	1955			33
U05 8680- 1	SUNSET DAM	1610						34	12	18	118	17	05	410	F 398	1927			70
U05 8681-04	SUNSET R S	2110						34	12	53	118	08	47	410	F 683	1939			70
U03 8700	SUSANA KNOLLS	1090						34	16		118	40		900		1956			56
Z05 8707-01	SUTHERLAND DAM	1900					S	33	07		116	47		406					90
Z09 8726-01	SWEETWATER DAM	300	17	17S	1W		S	32	41	33	117		30	14					90
W26 8727-01	SYCAMORE CAMP	4000						34	25	02	117	58	13	410	F10606	1953			70
U05 8728-11	SYLMAR	1250						34	18	37	118	28	15	405	F 391	9			70
W26 8748	TABLE MOUNTAIN	7420	2	3N	8W			34	22	56	117	40	39	410	F 82F	1928			70
U05 8783-51	TANBARK FLATS	2750						34	12	20	117	45	40	410	F 158	1929			70
U03 8784-01	TAPO CITRUS ASSN	1010						34	17	12	118	43	09	416	V 124				56
U03 8784-06	TAPO WATER CO	1080						34	17	53	118	43	16	416	V 62				56
Z02 8804-01	TEMECULA F S	1018	12	8S	3W		S	33	29	48	117	08	57	431	R	1955			33
U05 8848-01	TEMPLE CITY	404						34	06	31	118	03	25	410	F 480B	1948			70
T09 8849	TEMPLETON	800	29	27S	12E		M	35	32	56	120	42	21	430	L 43	1886			40
T12 8864-01	TEPUSQUET CYN	3248						34	54	36	120	11	08	913	SO 318				42
U03 8877-11	TEVIOT ST	540						34	05	58	118	15	25	410	F 806				70
U02 8879	THACHER SCHOOL	1360		5N	22W		S	34	27	58	119	10	49	416	V 59	1915			56
X19 8892	THERMAL FAA AP	120	20	6S	8E		S	33	38	05	116	09	51	900		1950			33
X19 8892-01	THERMAL	118	20	6S	8E		S	33	38	05	116	10	16	431	R	1950			33
U03 8905	THOUSAND OAKS FC 718	810	11	1N	19W	N	S	34	10	43	118	50	54	416	V 128	1943			56
U04 8907	THOUSAND OAKS WTR PLT	900	14	1N	19W	W	S	34	09	50	118	50	11	416					56
X19 8908-20	THOUSAND PALMS	240	18	4S	6E		S	33	49	12	116	23	34	431	R	1958			33
W33 8930	TINEMAHA RES	3865	26	10S	34E	F	M	37	03	10	118	13	39	405		1933			14
U03 8961-10	TOPA TOPA	2900						34	34	03	119	02	26	416	V 197	1958			56
U05 8963- 3	TOPANGA CYN OUTLET	75					S	34	02	58	118	34	46	410	F10890	1955			70
U04 8967	TOPANGA PAT S FC 68	747	18	1S	16W		S	34	05	03	118	35	57	410	F 68	1931			70
U05 8973	TORRANCE	100						33	48		118	20		900		1932			70
U05 8973-03	TORRANCE AIRPORT	102						33	47	59	118	20	08	410	F1156	1958			70
Z01 8992-01	TRABUCO CANYON	1250					S	33	39	28	117	34	12	415	D 81				30
U04 9003-01	TRANCAS BEACH	25						34	01	52	118	50	30	410	F1306F	1930			70
U04 9027-21	TRIUNFO CANYON	800						34	07	20	118	47	10	410	F 476F	1941			70
W21 9035	TRONA	1695	8	25S	43E		M	35	47		117	23		900	SB111	1920			36
U05 9048-03	TUJUNGA CN AB GOLD	1650						34	18		118	16	06	410	F1013B	1947			70
U05 9048-07	TUJUNGA CYN-SOLOMON	1400						34	16	40	118	17	53	410	F10538	1952			70
U05 9048-10	TUJUNGA CYN-VOGEL	1850						34	17	12	118	13	32	410	F 695B	1939			70
U03 9048-15	TUJUNGA-MILL CR SUM	4970						34	23	25	118	04	50	410	F1029	1949			70
U13 9049	TUJUNGA MILL CREEK	4600	36	4N	12W		S	34	23	09	118	05	25	410	F 470	1948			70
U05 9062-01	TURNBULL DEBRIS BAS	495						33	59	18	118	01	30	410	F1086	1954			70
Y01 9086-13	TUSTIN AUTOMATIC	106						33	44	18	117	48		415	D 166	1958			30
X09 9099	TWENTYNINE PALMS	1975	33	1N	9E	J	S	34	08		116	03	02	900	SB 488	1935			36
X09 9099-05	TWENTY NINE PALMS C Y	1895	20	1N	9E	R	S	34	09		116	03		429	SB216	1960			36
X09 9099-11	TWENTY NINE PALMS U S	1520	14	1N	10E	R	S	34	10		115	54		429	SB232	1961			36
T12 9111	TWITCHELL DAM	582	35	11N	33W		S	34	59		120	19		900		1959			42
U05 9138	UNION OIL STEARNS	710	6	3S	9W		S	33	56		117	52		900		1941			30
U05 9152	U C L A	430		1S	15W		S	34	04	18	118	27		900		1933			70
U05 9152-01	UNIV SO CAL	208						34	01	14	118	17	15	410	F 482	1942			70
Y01 9156-10	UPLAND	1605						34	07	57	117	38	38	410	F1145	1959			70
Y01 9158	UPLAND 3 N	1605	31	1N	7W		S	34	07	58	117	38	30	900	SB 88	1932			36
Y01 916 -01	UPLAND-CADNUM	1508					S	34	07	08	117	40	45	410	F 342B	1931			36
Y01 9160-02	UPLAND CO YDS	1215	9	1S	7W		S	34	05	43	117	37	42	429	SB 98	1959			36
Y01 9160-12	UPLAND CHAPPEL	1609	35	1N	8W		S	34	44		117	37	47	429	SB 19A				36
Y01 9160-20	UPLAND FIRE STATION	1275	7	1S	7W		S	34	05	55	117	38	53	429	SB165				36
U05 9187-11	UPPER STONE CYN	943						34	07	27	118	27	15	410	F 762	1947			70
Z02 9213-11	VAIL LAKE	1450						33	29	32	116	58	36	916		1952			33
Z09 9228	VALLEY CENTER 3 NE	1615	31	10S	1W			33	16		117	01		900		1924			90
Y01 9233	VALLEY OF THE FALLS		17	1S	1E		S	34	04	40	116	54	20	429	SB252				36
W26 9251	VALYERMO R S	3710	8	4N	9W		S	34	26	44	117	51	10	410	F 478	1931			70
T14 9265	VANDENBERG AFB	367	29	7N	35W		S	34	40		120	35		900					42
U05 9259	VAN NORMAN LK LWR DAM	1150	5	2N	15W		S	34	17	18	118	28	54	405	F 293				70
U05 926	VAN NUYS FC 15B	695		1N	15W		S	34	10	48	118	27	03	405	F 15B	1931			70
U05 9279-02	VENICE F S	55					S	33	59	32	118	27	39	410	F 126B	1928			70
U02 9285	VENTURA	45						34	16	36	119	17	30	416	V 66	1931			56
U03 9285-02	VENTURA CO F S	925						34	16	17	118	44	05	416	V 154				56

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Station Number	Station Name	Elevation in Feet	Section	Township	Range	40 Acre Tract	Base and Meridian	Latitude Degrees	Latitude Minutes	Latitude Seconds	Longitude Degrees	Longitude Minutes	Longitude Seconds	Cooperator Number	Cooperator's Station Number	Record Begin	Record Ended	Number of Missing Years	County Code
U03 9285-03	VENTURA CO WA	720						34	17	45	118	52	34	416	V 126				56
U02 9285-04	VENTURA CH	100						34	16	56	119	17	18	416	V 131	1948			56
U03 9285-05	VENTURA WW DIST 6	900						34	09	50	118	50	11	416	V 169				56
U05 9298-11	VERDUGO PUMP STA	1360	15	2N	14W			34	16	27	118	20	06	405	F1987E				70
Y01 9323-51	VICTORIA	1060						34	04	52	117	15	18	17	18808				36
W28 9325	VICTORVILLE PUMP PLT	2859	9	5N	4W		S	34	32		117	18		900		1938			36
W28 9325-05	VICTORVILLE CO YARD	2800	16	5N	4W	A	S	34	31	32	117	30	14	429	SB105	1960			36
Y01 9338-03	VILLA PARK DAM	492						33	49	02	117	46	07	415	O 173	1962			30
Y01 9338-05	VILLA PK-ORCHARD	290						33	48	52	117	49	20	415	O 109				30
U03 9345	VINCENT FIRE STN	3135	28	5N	12W	L	S	34	29	17	118	08	29	410	F 120	1927			70
U05 9346-01	VINCENT GULCH	6590					S	34	22	26	117	45	05	410	F 818	1927			70
T10 9392-05	VORTAC SBP	1461	2	3IS	11E		M	35	15	06	120	45	35	430	L 172	1964			40
T10 9395-05	VULTURE ROCK	2635	28	26S	9E		M	35	38	30	121	01		430	L 168	1963			40
T10 9401-05	WADHAMS	100	16	31S	12E		M	35	13	30	120	41	30	430	L 166	1963			40
T12 9408-17	WAGON WHEEL CAMP 1 SG	4990						34	43	49	119	11	01	416	V 202	1959			56
U05 9427-51	WALNUT FRUIT GROWERS	533						34		13	117	51	09	410	F 339	1929			70
U05 9431	WALNUT PATROL STN	488	18	2S	9W	D	S	34		12	117	52	14	410	F 1028	1926			70
U05 9438-2	WALTERIA LAKE PUMP ST	90						33	48	35	118	21	05	410	F1164	1964			70
Z03 9447	WARNER SPRINGS	3180	26	10S	3E		S	33	17		116	38		900		1931			90
U05 9464-11	WATERMAN G S	3290						34	15	58	118	08	37	410	F 52C				70
U05 9464-23	WATERMAN MTN	7960						34	20	23	117	56	21	410	F1031B	1949			70
U03 9485	WAYSIDE H R EVAP	1060	1	4N	17W	G	S	34	29	41	118	36	44	813	DWR	1963			70
X 2 9487	W C SHEHORN JOHNSON	2794	19	4N	4E		S	34	25		116	37		429	SB502				36
W26 9531-02	WEST ANTELOPE	3110	3	9N	15W		S	34	53	48	118	27	12	405		1921			15
U05 9531-51	WEST ARCADIA	547					S	34	07	42	118	04	22	410	F 109D	1925			70
U05 9531-71	WEST AZUSA	505					S	34	06	53	117	54	56	410	F 406C	1936			70
U05 9533-11	WEST BURBANK	615						34	10	47	118	20	07	410	F1127	1958			70
U05 9547-05	WEST COVINA KELLER RN	350						34	03	54	117	57	20	410	F 101D	1959			70
U05 9558-20	WEST FORK R S	3100						34	14	45	118	02	55	410	F10018	1945			70
Y01 9569-11	WESTMINISTER	38					S	33	45	08	117	59	17	415	O 162				33
Y01 9587-01	WEST RIVERSIDE	900	7	2S	5W			34		44	117	26	48	431	R	1948			33
T1 9603-17	WHALE ROCK DAM	250	34	28S	10E	F	M	35	26	48	120	53	06	813		1963			40
U02 9615	WHEELER SPRINGS 2 SSW	850	28	5N	23W		S	34	28	59	119	17	38	900		1940			56
U02 9615-01	WHEELER SPRINGS 2 SW	950	28	5N	23W		S	34	28	55	119	17	30	416	V 107	1932			56
U03 9618	WHEELER SPRUNGS 7N	4150						34	35	50	119	19	30	900	V 63	1927	1965		56
W05 9632	WHITE MOUNTAIN 1	10150	19	5S	35E		M	37	30		118	11		900		1955			26
W03 9633	WHITE MOUNTAIN 2	12470	20	4S	34E		M	37	35		118	14		900		1955			26
U05 9660	WHITTIER CITY HALL	320	28	2S	11W		S	33	58	30	118	01	57	410	F 106D	1928			70
U05 9660-02	WHITTIER-CATE	280					S	34		20	118	03	30	410	F1099	1955			70
U05 9660-08	WHITTIER-WOOD	280					S	33	59	52	118	03	10	410	F1035	1950			70
U05 9666-01	WHITTIER NARROWS	230					S	34	02	02	118	02	40	410	F10578	1953			70
Y01 9675-51	WILD ROSE RANCH-EARL	875					S	33	47	25	117	29	54	813	DWR				33
T10 9679-05	WILLIAMS RANCH	50	15	25S	6E		M	35	45	30	121	18	30	430	L 171D	1964			40
W26 9699-50	WILLOW SPRINGS	3800	23	10N	15W		S	34	56	54	118	29	24	813	DWR	1929			15
U05 9701-02	WILMINGTON-2	40					S	33	47	27	118	15	30	410	F 118C	1955			70
W26 9710-11	WILSONA	2910					S	34	34	50	117	43	10	410	F*X128	1951			70
U05 9710-21	WILSON CANYON	3175					S	34	21	17	118	27		410	F 363B	1933			70
Y01 9748-04	WINTERSBURG-STATER	25					S	33	42	49	117	59	56	415	O 43				30
U05 9765-01	WOLFSKILL CYN-UPPER	3625						34	10	13	117	43	16	410	F1075	1937			70
Y01 9774-20	WOODCREST PRENDA DAM	1580	25	3S	5W		S	33	53	50	117	19	47	431	R	1956			33
T11 9813-10	WREDEN	2080	11	29S	17E		M	35	25		120	06		430	L 121	1948			40
W28 9819-31	WRIGHTWOOD	6038	8	3N	7W		S	34	22	17	117	29		429	SB 33	1959			36
U05 9819-33	WRIGHTWOOD FIRE STA	5960						34	21	34	117	37	57	410	F1128	1958			70
W28 9836-75	YERMO INSPECTION STA	1912						34	55	30	116	48	10	429	SB233	1962			36
U05 9847	YORBA LINDA	405	22	3S	9W		S	33	54		117	49		900		1931			30
U05 9847-21	YORBA RESERVOIR	320					S	33	52	23	117	48	29	415	O 163				30
T10 9850-05	YORK MTN SANTA RITA C	1274	35	27S	10E		M	35	32	05	120	51	40	430	L 161	1962			40
Y01 9875-07	YUCAIPA SB 127	2880	10	2S	2W		S	34	02		117	02		429	SB127	1949			36
Y01 9875-04	YUCAIPA CO YDS	2120	4	1S	2W		S	34	01	59	117	06	08	429	SB 99	1959			36
Y01 9875-05	YUCAIPA FFS	2810	36	1S	2W		S	34	01	58	117	02	11	429	SB129				36
Y01 9875-07	YUCAIPA WATER CO	2740	36	1S	2W		S	34	02		117	02	26	429	SB132	1954			36
X08 9881-06	YUCCA VALLEY	3420	34	1N	8E		S	34	07	38	116	27	10	429	SB102A	1959			36
U04 9990-11	ZUMA CYN-OAKLEY	1500					S	34	04	58	118	49	38	410	F 386C	1934			70
U04 9990-12	ZUMA CYN PS	115					S	34	01	10	118	47	46	410	F 458	1940			70

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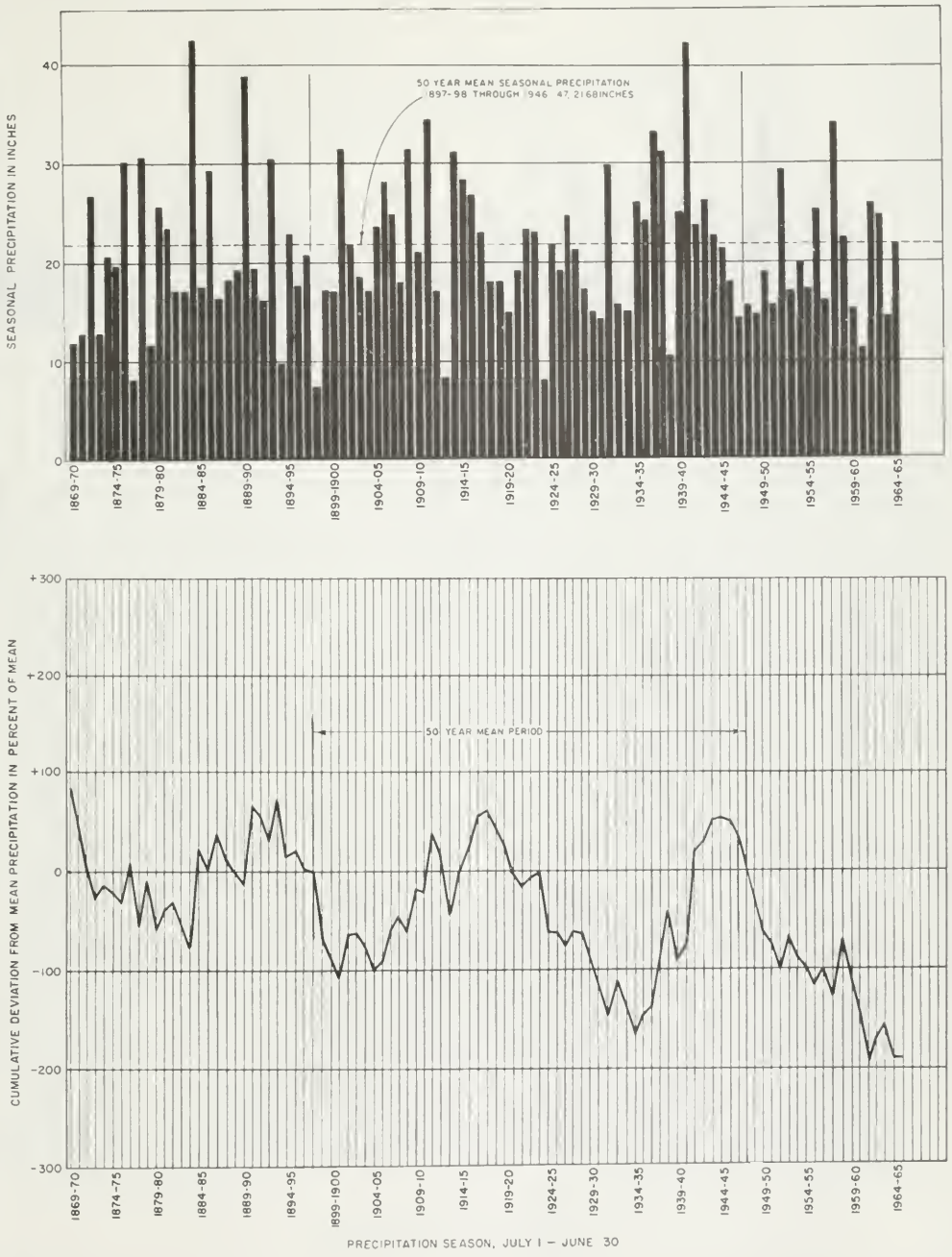
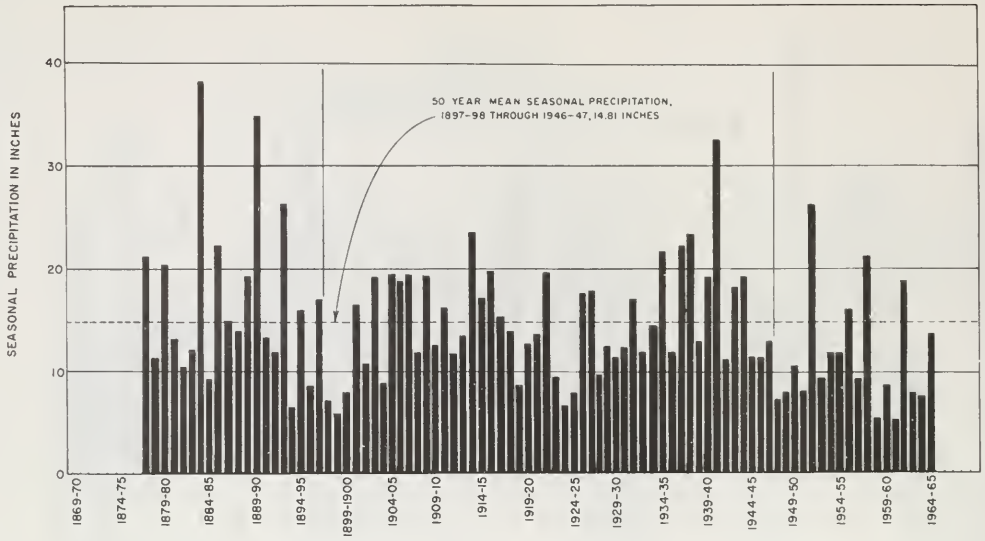
SEASONAL AND MEAN PRECIPITATION
AT SELECTED STATIONS IN SOUTHERN CALIFORNIA

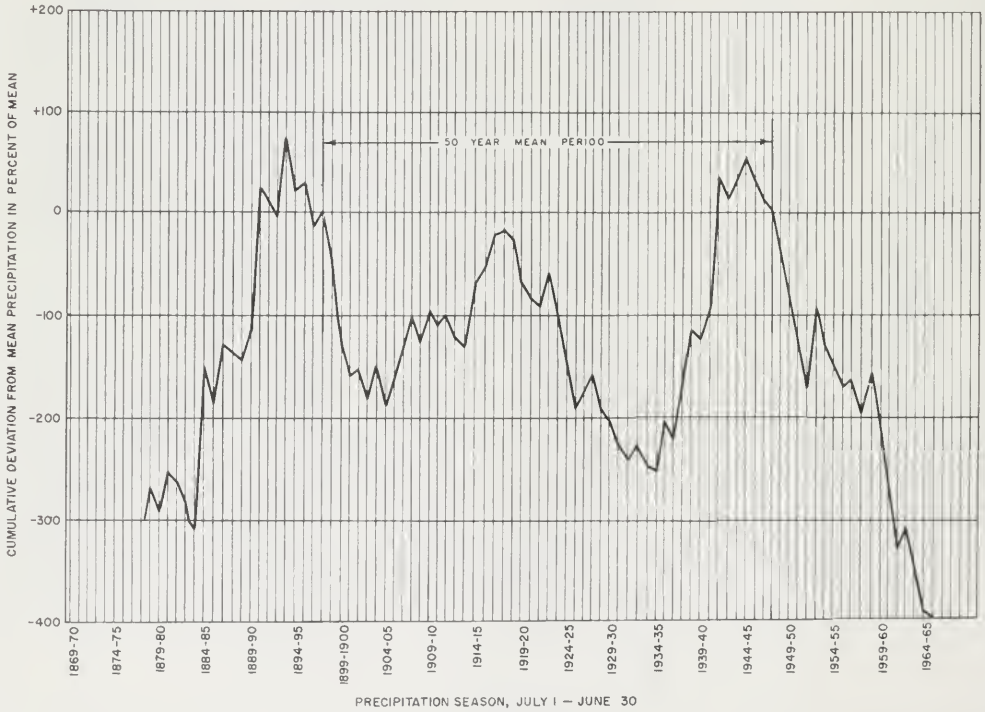
Station	County	50-year mean 1897-1947, in inches	1964-65 season, July 1 - June 30	
			In inches	In percent of mean
Coastal				
Paso Robles	San Luis Obispo	15.82	12.45	79
San Luis Obispo	San Luis Obispo	21.68	21.88	101
Santa Maria	Santa Barbara	13.52	11.77	87
Santa Barbara	Santa Barbara	18.56	18.46	99
Ventura	Ventura	15.59	13.62	87
Los Angeles	Los Angeles	14.81	13.69	92
Pomona	Los Angeles	18.21	14.30	79
Santa Ana	Orange	14.16	10.41	74
San Bernardino	San Bernardino	17.21	12.65	74
Oceanside	San Diego	12.38	13.27	99
San Diego	San Diego	10.37	8.50	82
Interior				
Bishop	Inyo	6.14	2.16	35
Barstow	San Bernardino	4.17	3.13	75
Blythe	Riverside	4.03	3.62	90
Brawley	Imperial	2.40	1.60	67



REPRESENTATIVE PRECIPITATION CHARACTERISTICS FOR SAN LUIS OBISPO

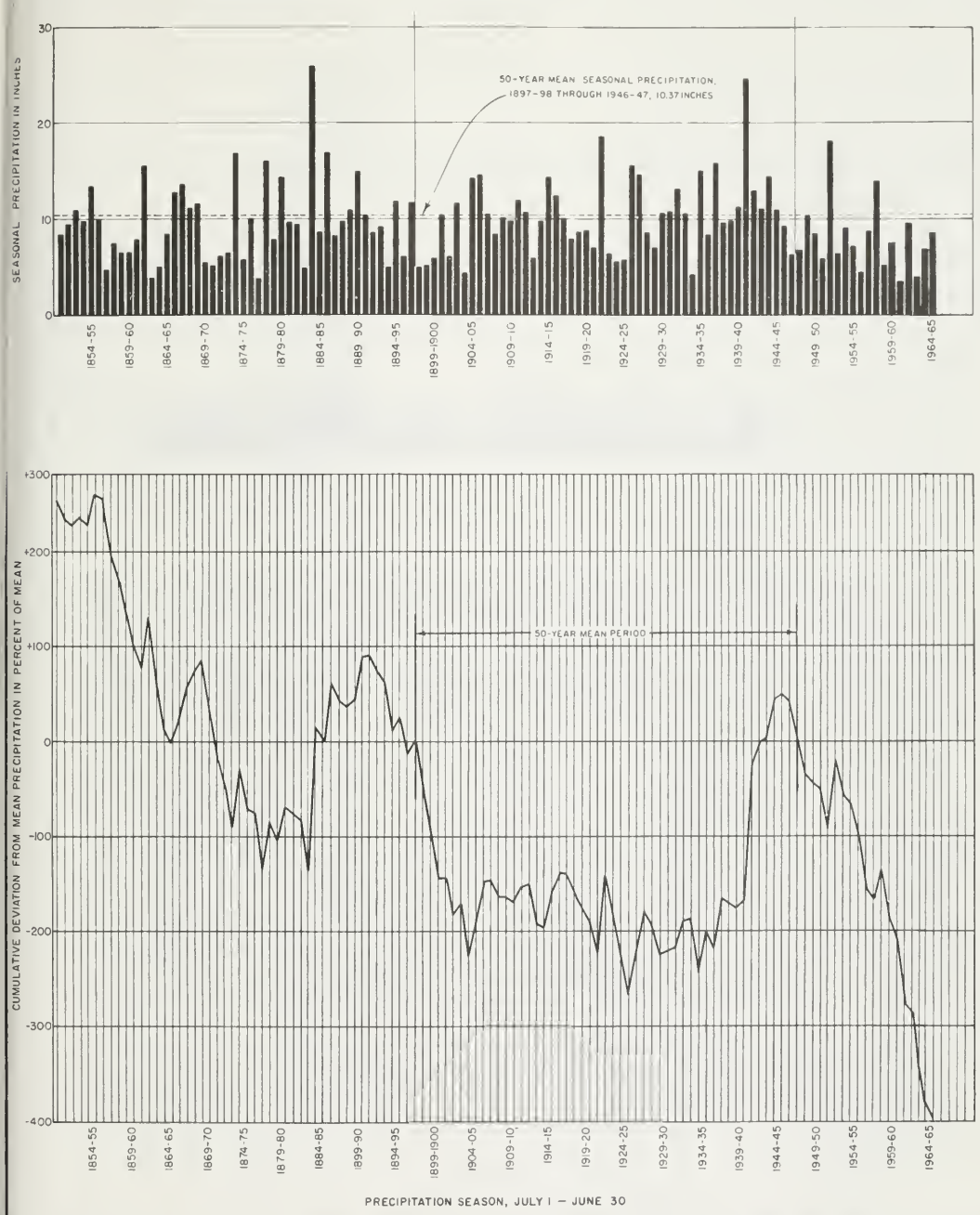
DEPARTMENT OF WATER RESOURCES, SOUTHERN DISTRICT, 1967





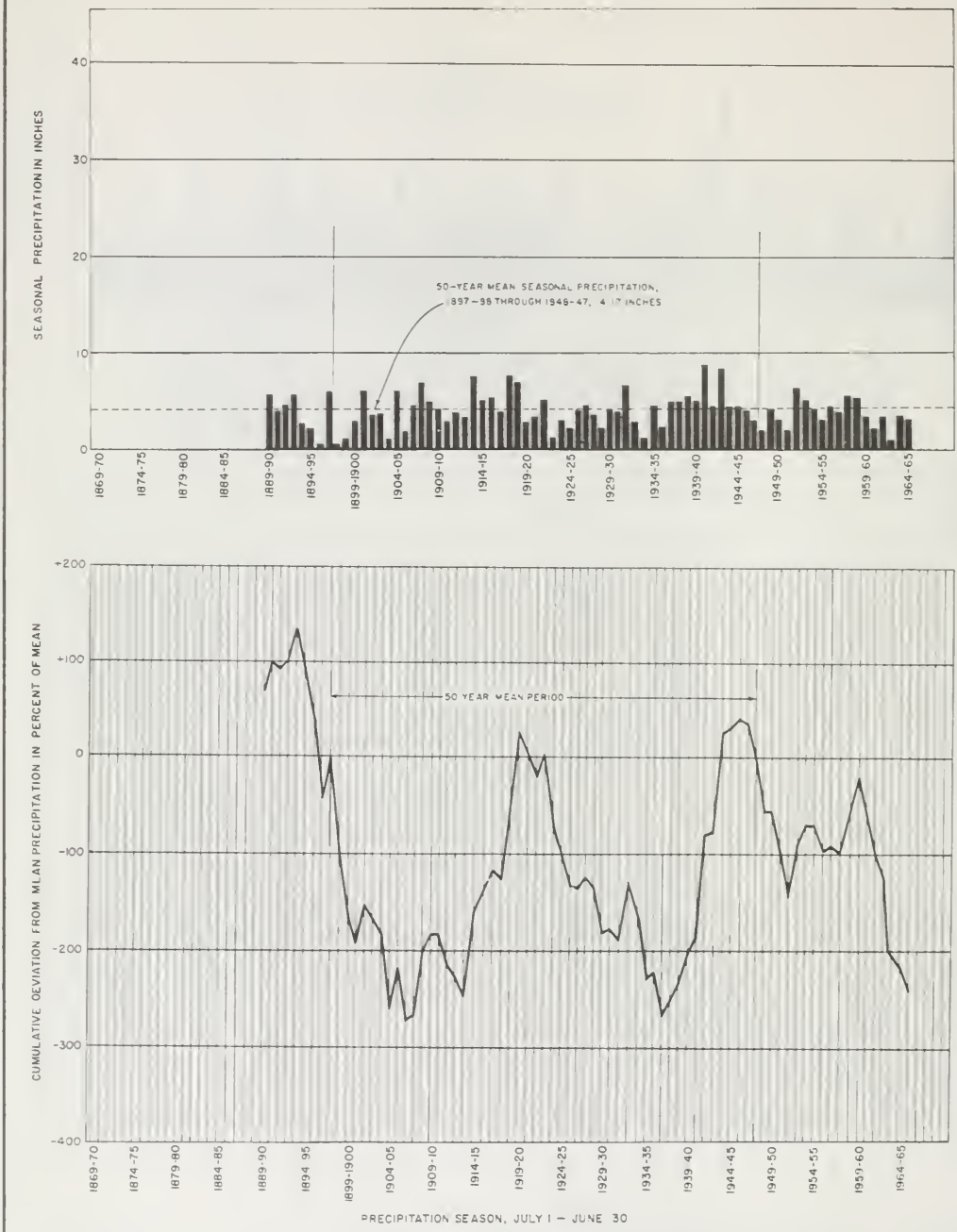
REPRESENTATIVE PRECIPITATION CHARACTERISTICS FOR LOS ANGELES

DEPARTMENT OF WATER RESOURCES, SOUTHERN DISTRICT, 1967



REPRESENTATIVE PRECIPITATION CHARACTERISTICS FOR SAN DIEGO

DEPARTMENT OF WATER RESOURCES, SOUTHERN DISTRICT, 1967



REPRESENTATIVE PRECIPITATION CHARACTERISTICS FOR BARSTOW

TABLE A-3

CUMULATIVE MONTHLY PRECIPITATION
AT FOUR STATIONS

Month	San Luis Obispo			Los Angeles			San Diego			Barstow		
	50-year mean 1897-1947, in inches	1964-65 season In inches	1964-65 season In percent of mean	50-year mean 1897-1947, in inches	1964-65 season In inches	1964-65 season In percent of mean	50-year mean 1897-1947, in inches	1964-65 season In inches	1964-65 season In percent of mean	50-year mean 1897-1947, in inches	1964-65 season In inches	1964-65 season In percent of mean
July	0.01	0.02	200	0.01	0	0	0.03	0	0	0.15	0.38	253
August	0.05	0.02	40	0.03	0	0	0.09	0	0	0.41	0.41	100
September	0.28	0.12	43	0.31	0	0	0.23	0	0	0.58	0.41	71
October	1.09	1.55	108	0.90	0.33	37	0.79	0.02	3	0.87	0.41	47
November	2.76	5.34	193	1.96	2.05	105	1.61	1.03	64	1.16	1.03	89
December	6.56	11.12	170	4.46	4.10	92	3.59	2.20	61	1.75	1.03	59
January	11.50	15.22	132	7.41	4.94	67	5.51	2.60	47	2.41	1.37	57
February	16.02	16.64	104	10.78	5.17	48	7.67	3.12	41	3.04	1.42	47
March	19.62	17.93	91	13.45	7.66	57	9.32	4.91	53	3.72	1.97	53
April	20.96	21.84	104	14.40	13.68	95	10.05	8.49	84	3.98	3.00	75
May	21.54	21.88	102	14.74	13.68	93	10.32	8.49	82	4.08	3.00	74
June	21.68	21.88	101	14.81	13.69	92	10.37	8.50	82	4.17	3.13	75

TABLE A-4
PRECIPITATION AT SOUTHERN CALIFORNIA STATIONS
CENTRAL COASTAL DRAINAGE PROVINCE (T)

STATION NAME	TOTAL JULY 1 TO JUNE 30	PRECIPITATION IN INCHES														TOTAL OCT. 1 TO SEPT. 30
		1964						1965								
		JULY	AUG	SEPT.	OCT.	NOV	DEC.	JAN	FEB	MAR	APRIL	MAY	JUNE	JULY	AUG.	SEPT
SALINAS HYDROLOGIC UNIT T-39																
ATASCADERO LAKE	16.43	0.00	0.16	0.00	0.93	1.48	M M M	2.57	0.86	1.45	2.57	0.00	0.00	0.04	T	0.00	16.34
ATASCADERO PUMP STA	12.40	0.00	0.12	0.00	1.05	1.47	2.99	1.85	0.60	1.53	1.67	0.00	0.00	0.00	0.00	0.06	12.34
ATASCADERO SCH	18.18	0.00	0.00	0.00	0.93	1.30	4.27	2.59	0.81	1.42	2.64	0.00	0.00	0.04	0.00	0.00	18.10
ATASCADERO TWP	18.82	0.00	0.00	0.00	1.60	1.21	3.95	2.75	1.19	2.22	1.84	0.00	0.00	0.00	0.00	0.00	18.72
ATASCADERO AMAC	16.28	0.00	0.00	0.00	0.13	0.99	3.76	2.15	0.68	1.80	2.17	0.00	0.00	0.00	0.00	0.00	16.15
BRADLEY	M	M	M	M	1.51	1.54	1.33	1.02	0.53	1.04	2.14	M	M	0.23	M	0.02	M
CAMP ROBERTS	11.27	0.00	0.00	0.05	1.09	1.08	2.15	1.01	0.62	1.03	2.02	0.00	0.00	0.04	0.00	0.00	10.26
CANYON RANCH	6.66	0.00	0.00	0.00	.79	0.83	1.43	0.64	0.42	0.81	1.79	0.00	0.00	M	M	M	M
DELLAGANNA RANCH	53.61	0.00	0.00	0.00	1.15	0.50	1.40	12.15	3.30	5.33	5.48	0.00	0.00	0.00	0.00	0.00	53.61
EAGLE RANCH	M	0.00	0.00	0.15	1.83	5.43	6.15	4.48	1.10	3.97	1.53	M	M	0.00	0.00	0.00	M
EUREKA RANCH	16.52	0.00	0.22	0.00	0.45	0.67	0.85	2.46	0.82	2.47	2.43	0.00	0.00	0.00	0.00	0.00	16.30
GOODWIN RANCH	21.41	0.00	0.00	0.33	1.77	2.87	0.56	3.77	1.31	2.55	4.28	0.00	0.00	0.00	0.00	0.00	21.08
HIGHLAND FARM	11.15	0.17	0.00	0.18	0.78	2.29	1.98	1.77	0.55	1.59	1.35	T	0.00	0.00	T	0.11	10.98
HUASNA	17.19	0.00	0.18	0.00	1.00	2.70	2.59	4.91	1.52	1.47	4.43	0.39	0.00	0.00	0.00	0.00	16.97
IVERSON RANCH(ED)	12.61	0.00	0.20	0.00	1.02	2.36	2.48	1.17	0.44	1.47	2.10	0.00	0.00	0.19	0.00	0.22	12.78
LINN RANCH	12.34	0.00	0.04	0.00	0.93	2.14	3.04	2.30	0.44	1.93	2.02	0.00	0.00	0.00	0.00	0.09	12.39
MC MILLAN CANYON	7.25	0.00	0.00	0.15	0.78	0.50	1.71	1.61	0.65	1.43	0.82	0.00	0.00	M	M	M	M
MC NEIL RANCH	25.70	0.00	0.00	0.00	1.60	4.25	5.95	4.75	0.70	3.86	4.34	0.00	0.00	0.00	0.00	0.00	25.70
NACIMIENTO DAM	11.59	0.00	0.00	0.00	1.10	1.95	2.03	1.83	0.62	1.06	2.04	0.00	0.00	M	0.00	0.00	M
PARKFIELD	13.40	0.00	0.00	0.08	0.75	1.87	2.43	2.44	1.01	1.28	2.14	0.00	0.00	0.32	0.00	0.43	13.07
PASO ROBLES	12.45	0.00	0.08	0.03	1.05	2.27	2.37	2.50	0.51	1.16	2.48	0.00	0.00	0.04	0.03	0.15	12.56
PASO ROBLES GERST	33.26	0.00	0.00	0.00	1.78	3.97	10.99	5.48	1.87	3.45	4.10	0.00	0.00	0.00	0.00	0.00	33.27
PASO ROBLES FAA AP	11.44	0.42	0.00	0.00	0.83	1.54	2.74	1.48	0.51	1.28	1.80	0.00	0.00	0.00	0.00	0.12	11.57
PASO ROBLES(SCH)	13.56	0.00	0.00	0.10	1.00	2.47	2.70	2.79	0.65	1.60	2.67	0.00	0.00	0.00	0.00	0.04	13.51
RANCHITA SLO	23.73	0.00	0.00	0.00	1.65	4.30	4.35	3.40	1.10	2.60	4.35	0.00	0.00	0.00	0.00	0.00	22.73
RUNITZ RANCH	15.00	0.00	0.00	0.00	0.20	0.39	3.99	1.67	0.76	3.98	1.55	0.04	0.00	0.00	0.00	0.10	15.10
SALINAS DAM	22.09	0.00	0.00	0.16	1.15	3.64	4.50	3.26	1.45	2.66	2.54	0.00	0.00	0.00	0.00	0.10	19.93
SANTA MARGARITA 2 SW	31.98	T	0.10	T	1.73	5.11	9.43	5.49	1.10	4.17	3.33	0.00	T	0.00	0.02	0.00	31.90
SANTA MARGARITA BSTR	M	0.01	0.00	0.01	1.13	3.47	9.08	5.39	1.26	3.85	3.50	M	0.00	0.00	0.02	0.05	M
SANTA MARGARITA NO3	27.70	T	0.00	0.00	1.67	4.65	8.45	4.10	1.30	3.55	3.65	0.00	0.00	T	0.00	0.00	27.50
SANTA MARGARITA P STA	18.74	0.00	0.07	0.00	1.36	3.51	6.39	2.78	0.77	3.53	3.00	0.00	0.00	0.10	0.00	0.00	18.74
SANTA RITA CR TEMPLTN	26.91	0.00	0.00	0.00	1.44	5.63	8.43	5.60	0.98	2.85	4.84	0.00	0.00	0.00	0.00	0.00	26.90
SEVENTY RANCH	40.90	0.00	0.00	0.00	4.77	9.85	11.75	10.60	2.40	5.85	3.00	0.00	0.00	0.00	0.00	0.00	40.90
SHANDON DIV OF HWYS	8.40	0.03	0.00	0.41	0.65	1.43	3.44	1.06	0.46	1.06	0.11	0.00	0.00	0.33	0.00	0.48	8.57
SHANDON UNION OIL CO	8.92	0.00	0.00	0.18	0.93	1.10	3.68	2.54	0.49	1.35	0.08	0.00	0.00	0.00	0.00	0.12	8.86
TEMPLETON	26.81	0.00	0.19	0.00	0.77	13.12	3.43	3.17	0.77	1.41	0.04	0.00	0.00	0.04	0.00	0.00	26.53
SAN LUIS OBISPO HYDROLOGIC UNIT T-1																
ARROYO GRANDE	15.15	0.00	0.00	0.00	1.76	2.54	3.82	2.36	0.32	1.58	2.93	0.00	0.00	0.00	0.00	0.00	14.97
ARROYO GRANDE NO 5	15.20	0.00	0.00	0.03	1.70	2.47	3.82	2.27	0.26	1.99	3.05	0.00	0.00	0.00	0.00	0.00	14.77
AVILA	16.52	0.00	0.00	0.00	1.80	2.44	4.71	2.46	0.71	1.57	2.04	0.00	0.00	0.00	0.00	0.00	16.52
BETTENCOURT	M	M	0.16	M	1.87	2.72	7.15	8.10	1.21	4.20	2.44	0.00	0.00	0.00	0.00	0.00	18.26
CAMBRIA HWY MAINT	21.33	0.00	0.00	0.07	2.35	3.23	5.24	3.15	0.47	2.46	4.21	0.00	0.00	0.23	0.00	0.01	21.33
CAMP SAN LUIS OBISPO	23.06	0.00	0.00	0.12	1.46	3.93	6.13	3.18	0.64	2.09	4.17	0.00	0.00	0.00	0.00	0.00	27.92
EDNA (STORNETTA)	22.83	0.00	0.00	0.12	1.61	4.13	3.63	3.45	0.78	1.81	4.53	0.04	0.00	0.00	0.00	0.00	17.97
HEARST RANCH	23.11	0.00	0.00	0.15	1.42	3.11	6.54	3.76	0.78	2.16	4.17	0.00	0.00	0.00	0.00	0.00	22.96
HEARST CASTLE	33.57	0.00	0.00	0.00	1.38	5.42	8.47	7.10	1.40	4.95	4.55	0.00	0.00	0.00	0.00	0.00	33.57
MORRO BAY FIRE DEPT	15.47	0.00	0.00	0.09	1.69	3.11	3.97	1.98	0.40	1.45	2.43	0.00	0.00	0.00	0.00	0.10	14.78
MORRO BAY	16.37	0.00	0.00	0.09	1.74	3.37	4.20	1.26	0.61	1.00	3.14	0.00	0.00	0.00	0.00	M	
MORRO BAY 3 N	17.86	0.00	0.00	0.00	1.98	2.75	4.24	2.48	1.12	2.00	3.14	0.00	0.00	0.00	0.00	0.00	17.86
PEROZZI	28.90	0.00	0.11	0.00	1.48	4.70	4.75	3.76	0.83	3.05	3.14	0.00	0.00	M	M	M	M
PISMO BEACH	14.37	0.00	0.17	0.00	1.26	2.35	2.93	2.10	0.43	1.95	2.70	0.00	0.00	0.00	0.00	0.00	14.23
PT PIEDRAS BLANCAS	M	0.00	0.11	0.00	2.19	3.55	6.34	3.14	1.16	4.58	4.10	0.00	M	0.00	0.14	0.00	M
S L OBISPO TANK FARM	28.39	0.00	0.11	0.00	1.76	3.51	5.04	3.69	0.78	1.86	4.84	0.00	0.00	0.00	0.00	0.00	28.28
SAN LUIS OBISPO POLY	21.88	0.00	0.00	0.00	1.43	3.77	4.74	2.16	0.44	1.49	3.74	0.00	0.00	0.00	0.00	0.00	20.26
SAN L IS OBISPO (SCH)	22.45	0.00	0.00	0.00	1.49	3.69	4.91	3.61	0.90	1.88	3.44	0.00	0.00	0.00	0.00	0.00	17.94
SAN LUIS OBISPO SCE	27.93	0.00	0.34	0.00	1.45	3.77	6.11	4.44	0.91	2.58	4.52	0.00	0.00	0.00	0.00	0.00	13.49
TORO RANCH NR CAMBRIA	31.43	0.00	0.00	0.00	1.39	4.32	5.21	4.75	1.13	4.31	5.24	0.00	0.00	0.00	0.00	0.00	31.43
VORTAC SBP	32.33	0.00	0.14	0.10	2.26	4.17	6.43	4.40	0.96	6.40	4.11	0.00	0.00	0.00	0.00	0.00	32.33
WELTNER RCH	53.86	0.00	0.00	0.00	4.45	9.71	14.21	11.45	2.65	6.55	6.40	0.00	0.00	0.00	0.00	0.00	53.81
WADHAMS	25.81	T	0.01	0.11	1.12	3.45	5.14	4.74	0.77	2.33	4.34	0.00	0.00	0.00	0.00	0.00	24.90
WHALE ROCK DAM	M	M	M	M	1.53	3.60	4.93	3.17	0.77	2.22	3.82	0.00	0.00	0.00	0.00	0.00	15.49
YORK MTN SANTA RITA C	31.47	0.00	0.00	0.00	2.03	5.12	7.44	5.70	0.97	3.44	4.43	0.00	0.00	0.00	0.00	0.00	31.40

*-PARTIALLY ESTIMATE T-TRACE M-MISSING DATA

TABLE A-4
PRECIPITATION AT SOUTHERN CALIFORNIA STATIONS
CENTRAL COASTAL DRAINAGE PROVINCE (T)

STATION NAME	TOTAL JULY 1 TO JUNE 30	PRECIPITATION IN INCHES														TOTAL OCT. 1 TO SEPT. 30
		1964						1965								
		JULY	AUG.	SEPT.	OCT	NOV	DEC.	JAN	FEB	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	
CARRIZO PLAIN HYDROLOGIC UNIT T-11																	
CAVANAUGH RANCH	8.24	0.00	0.32	0.00	0.96	1.09	1.77	0.96	1.23	0.83	1.67	0.00	0.00	0.52	0.00	0.16	8.40
POND RANCH NO 2	M	0.00	0.71	0.00	0.11	1.11	1.46	0.67	0.39	1.03	1.23	M	M	0.00	0.00	0.57	M
SIMLER DIV OF HWYS	6.75	0.00	0.00	0.00	.75	0.92	1.43	0.66	0.21	.66	1.32	0.00	0.00	0.17	0.00	0.15	6.77
SODA LAKE	6.75	0.00	0.00	0.00	.74	.82	1.96	0.51	0.16	0.93	1.67	.00	0.00	.00	0.00	0.00	6.75
WREMEN	7.69	0.00	0.00	0.00	.85	1.17	1.73	0.78	0.42	.90	1.49	0.00	0.00	0.21	0.00	0.47	6.02
SANTA MARIA-CUYAMA HYDROLOGIC UNIT T-12																	
CUYAMA	6.11	0.00	0.10	0.20	.76	1.1	.09	0.49	0.27	0.63	2.27	0.00	0.00	0.01	0.39	0.30	6.51
NIPOMO 2 NW	14.14	0.00	0.00	0.18	1.99	2.64	4.40	2.82	.18	1.72	3.77	0.00	0.00	0.00	0.00	0.00	16.94
OZENA G S	10.23	0.00	0.00	0.00	1.22	2.99	1.76	0.45	0.30	1.62	4.07	.00	0.00	.00	0.00	0.00	10.63
SANTA MARIA WB AP	11.77	0.06	0.10	0.00	1.64	2.43	1.34	0.74	0.33	1.69	3.42	0.00	0.00	0.01	0.00	0.00	11.62
SUEY RANCH	12.94	0.00	0.10	0.00	1.84	2.68	.15	0.05	0.64	1.36	3.62	0.00	0.00	0.00	0.00	0.00	12.84
TWITCHELL DAM	14.96	0.00	0.00	0.14	1.76	3.00	0.18	1.47	0.74	1.53	4.14	0.00	0.00	0.00	0.00	0.00	14.82
SAN ANTONIO HYDROLOGIC UNIT T-13																	
HARRIS GAGING STN	M	M	0.08	0.00	M	M	M	M	M	M	M	M	M	M	M	M	M
LOS ALAMOS	13.81	0.02	0.00	0.00	1.47	2.41	2.11	0.72	0.11	0.37	4.20	0.00	0.00	0.00	0.00	0.00	13.79
SANTA YNEZ HYDROLOGIC UNIT T-14																	
CACHUMA DAM	15.33	0.00	0.00	0.00	1.28	3.12	2.84	1.08	0.42	1.95	5.02	0.00	0.00	0.00	0.00	0.01	15.34
GIBRALTAR DAM 2	22.76	0.00	0.00	0.00	1.15	4.16	5.11	0.93	0.37	2.37	7.94	0.11	0.00	0.00	T	0.00	22.76
JUNCAL DAM	23.44	0.00	0.00	0.00	1.10	3.82	6.94	0.30	0.31	1.97	8.45	0.05	0.00	0.00	0.00	0.06	23.50
LOS PRIETOS R S	20.16	0.00	0.00	0.00	1.38	3.44	4.40	0.34	0.14	2.34	7.43	0.00	0.00	0.00	0.00	0.02	20.18
SALSIPUEDES GAGING ST	17.71	0.00	0.00	0.03	1.83	2.86	3.16	1.48	0.01	3.01	4.72	0.00	0.00	0.00	0.00	0.02	17.70
SAN MIGUELITO CYN	23.97	0.00	0.04	0.36	2.25	4.47	5.71	2.21	0.79	3.46	5.82	0.00	0.00	0.00	0.00	0.02	23.95
SANTA BARBARA TV PK	23.73	0.00	0.00	0.20	1.80	4.96	5.38	0.76	1.03	0.64	7.94	0.00	0.00	0.00	0.00	0.20	23.93
VANDENBERG AFB	M	0.16	0.12	T	1.66	1.79	2.01	1.16	M	M	M	M	M	M	M	M	M
SANTA BARBARA HYDROLOGIC UNIT T-15																	
PT CONCEPTION	M	T	0.02	0.04	1.67	3.10	5.70	1.07	0.75	1.93	M	0.00	0.00	0.05	0.00	0.00	M
SANTA BARBARA	18.46	0.00	0.00	0.01	.90	4.39	4.94	0.76	0.46	2.33	6.55	0.02	0.00	0.00	0.00	0.05	18.50
SANTA BARBARA FAA AP	17.85	0.00	0.01	0.00	1.00	3.23	4.60	0.81	0.86	2.78	5.15	0.03	0.00	0.00	0.00	0.00	17.84

*-PARTIALLY ESTIMATED T-TRACE M-MISSING DATA

TABLE A-4
PRECIPITATION AT SOUTHERN CALIFORNIA STATIONS
LOS ANGELES DRAINAGE PROVINCE (U)

STATION NAME	TOTAL JULY 1 TO JUNE 30	PRECIPITATION IN INCHES															TOTAL OCT 1 TO SEPT 30
		1964						1965									
		JULY	AUG	SEPT	OCT	NOV	DEC	JAN.	FEB	MAR	APRIL	MAY	JUNE	JULY	AUG	SEPT	
VENTURA RIVER HYDROLOGIC UNIT U-02																	
CASITAS RANCH	M	M	M	M	M	M	M	M	M	M	M	M	M	0.00	0.02	0.69	M
CASITAS RESERVOIR	22.73	0.00	0.21	0.00	1.34	3.38	8.33	0.69	0.38	1.93	7.29	0.01	0.01	0.00	0.00	0.26	22.78
MATILIJA RCH	21.00	*	0.19	0.00	1.35	3.21	7.69	0.73	0.41	1.61	6.41	0.00	0.00	T	T	0.43	21.24
MATILIJA FORKS CYN	27.81	0.00	0.11	0.00	1.34	3.46	9.72	0.77	0.44	2.42	8.19	0.03	0.03	0.00	0.03	0.18	27.91
OAKVIEW	21.92	0.00	0.26	0.00	0.94	2.82	8.75	0.69	0.44	1.40	6.41	0.04	0.01	T	0.00	0.95	22.86
OJAI	18.42	0.00	0.00	0.00	1.19	2.17	6.10	0.79	0.33	1.55	6.32	0.07	0.00	0.02	0.00	0.59	19.13
RANCHO MATILIJA EVAP	21.29	0.00	0.21	0.00	1.36	3.17	7.68	0.75	0.44	1.64	6.44	0.00	0.00	0.00	0.00	0.41	21.49
RICE RANCH VEN CO	2.26	0.00	0.09	0.00	1.21	3.14	7.12	0.98	0.43	1.29	6.43	0.00	0.00	T	T	0.71	20.88
SELBY RANCH	21.36	0.00	0.17	0.00	1.31	3.07	8.09	0.72	0.38	2.01	6.65	0.00	0.00	0.00	0.00	0.29	21.55
SOPERS RANCH	21.46	0.00	0.15	0.00	1.12	3.26	7.44	0.95	0.52	0.61	7.65	0.08	0.00	0.00	0.00	1.08	22.42
STEWART CAN DER PONJ	17.31	0.00	0.00	0.00	0.98	2.32	5.55	0.64	0.30	1.32	5.80	0.18	0.02	0.00	0.00	0.80	18.11
THACHER SCHOOL	16.92	T	T	0.00	1.16	2.77	4.34	0.89	0.33	1.32	6.49	0.19	0.17	0.02	T	0.48	17.42
VENTURA	13.62	0.00	0.00	0.00	0.76	1.83	4.76	0.69	0.19	1.68	4.55	0.00	0.00	0.00	0.00	0.03	13.65
VENTURA CH	14.97	0.00	0.04	0.00	0.82	1.26	4.50	0.64	0.26	0.55	6.-	0.01	0.00	0.00	0.00	0.08	15.01
SANTA CLARA-CALLEGUAS HYDROLOGIC UNIT U-03																	
ACTON ESCONDIDO CNYN	6.66	0.00	0.00	0.00	0.64	1.06	0.79	0.26	0.12	0.61	2.16	0.00	0.00	0.24	0.64	0.29	7.83
ACTON ALISO CANYON	14.72	0.00	0.00	0.00	0.77	2.80	1.96	0.41	0.32	1.41	6.37	0.00	0.00	0.39	0.37	0.55	15.38
ACTON ALISO CNYN BLIM	5.95	T	*	T	0.53	1.60	0.15	0.13	0.11	0.47	2.43	0.00	0.00	T	0.46	0.10	6.05
ACTON CAMP 2	5.76	0.00	0.00	0.00	0.48	1.44	0.15	0.07	0.12	0.45	3.03	0.00	0.00	0.04	0.55	0.47	7.22
ACTON-COLOMBO RCH	* 7.30	0.00	0.00	0.00	0.55	1.55	0.55	0.14	0.10	0.66	3.53	0.00	0.00	0.04	0.80	0.00	* 8.44
ACTON HUBBARD RCH	9.99	0.00	0.00	0.00	0.58	2.97	1.09	0.65	0.35	0.66	3.54	0.00	0.00	0.34	T	0.09	10.42
AMERICAN C SUGAR CO	13.75	0.00	0.34	0.00	0.61	1.11	5.04	0.50	0.16	1.93	4.46	0.00	0.00	M	M	M	M
ATMORE MEADOW	21.20	0.00	0.20	0.00	0.79	2.12	6.01	0.68	0.39	1.63	9.46	0.08	0.11	0.23	0.17	0.90	22.50
BALCOM CYN HUMPHREY R	13.93	0.00	0.00	0.00	0.53	1.22	4.76	0.59	0.18	1.45	5.60	0.03	0.00	0.00	0.08	0.16	14.47
BARDSDALE YOUNG RCH	15.30	0.00	0.00	0.00	0.69	1.26	5.59	0.55	0.13	1.31	5.77	0.00	0.00	0.00	0.14	0.86	16.30
BORGSTROM	M	M	M	M	M	M	M	M	M	M	M	M	M	M	0.00	0.14	M
BOUQUET CANYON	12.45	0.00	0.00	0.00	0.65	1.30	1.84	0.81	0.15	1.46	6.06	0.00	0.00	0.05	0.27	0.29	13.43
BOUQUET CANYON FC11 4	11.91	0.00	0.00	0.00	0.74	1.25	1.74	0.41	0.24	0.97	6.75	0.00	0.00	0.21	0.20	0.43	12.60
CAMARILLO 2 SE	13.47	0.00	0.00	0.00	0.55	1.51	4.55	0.60	0.17	2.27	4.36	0.00	0.00	0.00	0.00	0.17	13.64
CAMARILLO 4 NNW	13.16	0.00	0.00	0.00	0.56	1.76	4.38	0.49	0.18	1.49	4.70	0.00	0.00	0.00	0.00	0.14	13.20
CAMULOS RANCH	13.61	0.00	0.00	0.00	0.48	1.47	3.30	0.51	0.12	2.04	6.09	0.00	0.00	0.13	0.20	0.34	14.28
CASTAIC PATROL STA	10.23	0.00	0.00	0.01	0.14	0.74	1.11	0.41	0.11	1.11	5.39	0.00	0.01	0.15	0.20	0.20	10.77
CASTIAC JUNCTION	*11.23	0.00	0.00	0.00	0.25	0.85	1.56	0.33	0.49	1.71	6.09	0.00	0.00	0.19	0.37	0.76	*12.95
DOUBLE H N RANCH	14.38	0.00	0.00	0.00	0.35	1.12	4.03	0.54	0.20	1.75	5.80	0.00	0.00	0.00	0.16	0.52	15.66
DRY CANYON RESERVOIR	10.49	0.00	0.00	0.00	0.58	1.20	3.47	0.36	0.20	0.63	6.18	0.00	0.04	0.27	0.19	0.45	11.16
ELIZABETH LAKE	12.83	0.00	0.04	0.06	0.66	2.34	1.98	0.67	0.16	0.79	6.19	0.00	T	0.20	0.54	0.74	*14.18
ELIZABETH LAKE 1286	18.86	0.00	T	T	0.79	1.89	5.35	0.60	0.35	1.36	8.44	0.07	0.10	0.40	0.15	0.80	20.01
FILLMORE 1 WNW	14.63	0.00	0.00	0.00	0.59	1.23	5.68	0.70	0.21	1.23	5.32	0.02	0.00	0.22	0.12	0.73	15.50
FILLMORE CITRUS ASSN	15.07	0.00	0.00	0.00	0.59	1.56	5.34	0.59	0.18	1.69	5.32	0.00	0.00	0.00	0.10	0.53	15.90
FILLMORE FISH HATCH	15.09	0.00	*	0.00	0.85	1.67	6.34	0.52	0.18	2.08	5.28	0.07	0.00	0.00	0.06	0.80	15.95
GORMAN	9.93	0.00	0.00	0.00	0.49	1.11	1.06	1.02	0.29	1.75	4.21	0.00	0.00	0.65	0.00	0.40	10.98
HALL CANYON RES	14.73	0.00	0.00	0.00	0.67	1.57	4.37	0.65	0.27	1.82	5.43	0.05	0.00	0.01	0.00	0.11	14.85
HASLEY CANYON	14.73	0.00	*	0.00	0.59	1.36	4.67	0.51	0.25	1.78	5.87	0.09	0.00	0.15	0.00	0.16	15.04
LIMONEIRA RANCH	14.49	0.00	T	*	0.77	1.41	5.40	0.49	0.11	1.61	4.79	0.00	0.00	0.04	T	0.27	14.80
LITTLE GLEASON	M	*	*	T	0.95	2.73	M	M	M	M	M	M	M	M	M	M	M
MATILIJA RES	26.18	0.00	0.24	0.00	1.27	4.12	9.28	0.78	0.33	2.01	8.33	0.00	0.00	0.00	0.00	0.25	26.19
MINT CANYON-THE OAKS	9.17	0.00	0.00	0.00	0.56	1.11	1.33	0.54	0.21	1.00	4.42	T	0.00	0.16	0.00	0.34	* 9.75
MINT CANYON-DYER	8.80	0.00	0.00	0.00	0.52	0.89	0.96	0.20	0.10	1.11	5.44	0.00	0.00	T	0.00	0.65	9.50
MOORPARK 3 SE	11.12	0.00	0.00	0.00	0.52	0.83	2.85	0.51	0.32	1.76	4.33	0.01	0.00	0.00	0.00	0.65	11.77
MOORPARK 3 NNW	13.66	0.00	0.00	0.00	0.47	1.23	3.80	0.67	0.32	1.72	5.45	0.00	0.00	0.25	0.08	0.56	14.35
NEWBURY PARK 2 WNW	11.79	0.00	0.00	0.00	0.46	1.18	2.85	0.53	0.16	1.78	4.83	0.00	0.00	0.00	0.07	0.08	11.94
NEWBURY PARK 4 SW	M	0.00	0.00	M	0.54	1.96	2.65	0.60	0.25	2.63	4.47	0.00	0.00	0.00	0.00	0.03	13.55
NEWBURY PARK ACADEMY	11.46	0.00	0.00	0.00	0.48	1.46	2.78	0.49	0.19	1.43	5.15	0.00	0.00	0.00	0.07	0.10	11.63
NEWHALL RANCH	11.87	0.00	0.00	0.00	0.54	1.21	2.96	0.50	0.23	1.62	4.83	0.00	0.00	0.16	0.00	0.35	12.38
NEWHALL SOLEDAD 32C	13.29	0.00	0.00	0.00	0.44	1.35	2.11	0.21	0.36	1.41	7.79	0.00	0.02	0.22	0.14	0.81	14.46
NEWHALL U S RS	14.45	0.00	0.21	0.00	0.48	1.54	2.94	0.38	0.21	1.94	6.8	0.00	0.00	0.30	0.13	0.62	15.49
OAK FLAT GUARD STA	17.34	0.00	0.00	0.00	0.78	1.33	4.03	0.39	T	1.61	8.09	T	0.00	0.18	0.20	0.56	18.28
OLIVE VIEW	17.48	0.00	T	0.02	0.52	2.13	3.73	0.78	0.68	1.43	8.00	T	0.13	0.23	0.09	1.06	18.82
OWENS MOUTH	*24.77	0.00	0.00	0.00	0.75	2.24	7.93	1.03	0.76	2.51	9.21	0.00	0.19	0.19	0.61	1.56	*27.13
OXNARD DIST 5 YARD	15.76	0.00	0.00	0.00	0.63	1.54	6.03	0.96	0.24	1.66	5.12	0.00	0.00	0.00	0.00	0.03	15.79
PIEDRA BLANCA G S	17.50	0.00	0.04	0.00	1.48	2.72	6.03	0.42	0.24	1.51	4.68	0.25	0.00	0.00	0.02	0.38	17.88
PINE CANYON PAT STN	14.9	0.00	T	0.00	0.57	2.72	2.31	0.48	0.31	0.83	7.7	0.00	T	0.17	0.54	0.71	16.32
PINE MOUNTAIN INN	M	0.00	0.09	0.00	0.14	0.52	0.03	M	0.15	0.42	M	0.00	M	0.00	0.04	0.03	M
PINE TREE RANCH	M	0.00	0.00	0.00	0.73	1.62	4.54	0.48	M	M	M	M	M	M	M	M	M
PIRU 2 ESE HDQTRS	M	M	0.00	0.00	0.49	1.10	3.39	0.52	0.14	1.13	7.21	M	0.00	0.13	0.20	0.33	M

*-PARTIALLY ESTIMATED T-TRACE M-MISSING DATA

TABLE A-4

PRECIPITATION AT SOUTHERN CALIFORNIA STATIONS

LOS ANGELES DRAINAGE PROVINCE (U)

STATION NAME	TOTAL JULY 1 TO JUNE 30	PRECIPITATION IN INCHES															TOTAL OCT 1 TO SEPT 30
		1964						1965									
		JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APRIL	MAY	JUNE	JULY	AUG	SEPT	
SANTA CLARA-CALLE... HYDROLOGI... UNIT ...																	
PIRU CANYON	14.71																
PLACERITA CANYON																	
PORT HUENEME																	
POTRERO CANYON																	
RANCHO SESPE																	
REYNOLDS RANCH																	
RICHFIELD OIL																	
RIDGE ROUTE MAINT STA																	
SALT CANYON																	
SAN ... CANYON BARR...																	
SAN PEDRO PATROL STN																	
SANDBERG																	
SAN FRANCISQUITO																	
SANTA FELICIA RES																	
SANTA PAULA																	
SANTA PAULA CYN																	
SANTA PAULA TO A.R.I.																	
SANTA S... CANYON PEAK																	
... ATI... CYN																	
SATI... FIRE STATION																	
SA... POWER PLANT																	
SA... STATION STA																	
SEARS-NEWHALL																	
SIMI																	
SOLEDAD CYN-ECK RES																	
SOLEDAD PASS																	
SOLEDAD CYN-HERMIT																	
SOMIS 2 NNW																	
SOMIS																	
SOMIS 3 NW																	
SOMIS 5 WSW																	
SOMIS AGRES RCH																	
SPRING CYN																	
SUSANA KNOLL																	
TEVIOT ST																	
THOUSAND OAKS FC 718																	
TUJUNGA-M... LL CR STN																	
TUJUNGA MILL CREEK																	
VINCENT FIRE STN																	
WAY... OF H... R EVAP	M	M	M	M													M
MALIBU HYDROLOG... UNIT ...																	
... CREEK																	
... CANYON																	
ZARAPITO CREEK																	
ZARAPATA CYN																	
LAKE ... HERWOOD																	
LAS FLORES CANYON																	
LATI... CANYON BEACH																	
LECHUZA PATROL STN																	
MALIBU-... IV HOUS...																	
MALIBU ... HE... NAS																	
MONTE NIDO																	
MULHOLLAS... CYN																	
OLI... TOMANA																	
PSI... OMA ... CY...																	
RATTLESNAKE CANYON																	
THO... AN... OAKS FIRE																	
TOPANGA PAT... FIRE																	
TOPANGA REA... H																	
... TANTE CANYON																	
ZUMA CYN-OAKLEY																	
ZUMA CYN FC																	

TABLE A-4
PRECIPITATION AT SOUTHERN CALIFORNIA STATIONS
LOS ANGELES DRAINAGE PROVINCE (U)

STATION NAME	TOTAL JULY 1 TO JUNE 30	PRECIPITATION IN INCHES														TOTAL OCT. 1 TO SEPT 30
		1964						1965								
		JULY	AUG	SEPT.	OCT	NOV	DEC	JAN	FEB	MAR	APRIL	MAY	JUNE	JULY	AUG.	SEPT
LA-SAN GABRIEL RIVER HYDROLOGIC UNIT U-05																
ALCAZAR FLOOD CONTROL	14.51	T	0.00	0.00	0.36	2.06	2.11	0.88	0.22	1.54	7.32	T	0.02	0.00	0.30	1.40	16.21
ALDER CRK PARADISE	*16.14	0.00	0.00	0.00	0.71	2.58	1.91	1.11	0.49	1.24	8.14	0.00	T	0.15	0.08	1.40	*17.75
ALHAMBRA-CITY HALL	15.05	0.00	0.00	0.00	0.36	2.09	2.08	0.90	0.39	1.76	7.44	T	0.03	0.04	0.07	1.36	16.49
ALISO CANYON OAT MTN	21.40	0.00	0.05	0.00	0.53	2.09	6.25	0.91	0.83	2.28	8.39	0.00	0.11	0.00	0.27	1.19	22.81
ALTA CANYON	19.85	0.00	0.02	0.02	0.65	2.83	3.65	1.25	0.90	0.88	8.85	0.42	0.37	0.09	0.30	2.46	22.66
ALTADENA	16.30	0.00	0.02	0.02	0.54	2.89	2.02	0.91	0.66	1.44	7.19	0.44	0.17	0.05	0.06	1.87	18.24
ALTADENA GOLF	17.84	0.00	0.00	0.00	0.53	3.15	2.13	1.03	0.63	1.34	8.33	0.25	0.29	0.07	0.17	2.17	20.25
ANGELES CREST G S	21.19	0.00	T	0.00	0.87	3.86	3.58	1.26	0.92	1.50	8.56	0.21	0.43	0.05	0.29	2.09	23.62
ANGELES CREST HWY	22.34	0.00	T	0.00	0.90	3.70	4.41	1.50	1.13	0.76	9.53	0.00	0.41	0.03	0.23	2.10	24.67
ARCADIA ARBORETUM	15.89	0.00	0.00	0.00	0.27	2.42	1.73	0.81	0.58	1.92	7.69	0.41	0.36	0.07	0.30	1.16	17.42
ARCADIA PP 1	*16.59	0.00	0.00	0.00	0.32	2.78	1.96	0.93	0.60	1.10	8.19	0.42	0.23	0.26	0.34	1.76	*18.88
ARTESIA	11.07	0.00	0.00	0.00	0.09	1.16	1.67	0.49	0.39	2.51	4.78	T	0.00	0.00	0.18	0.19	11.44
ARROYO SECO R S	18.41	0.00	0.00	0.02	0.65	3.22	2.75	1.08	0.68	1.45	8.15	0.19	0.22	0.10	0.19	1.92	20.60
ASSOC OIL ANAHEIM 1	10.54	0.00	0.00	0.00	0.12	1.40	1.34	0.52	0.24	1.52	3.40	0.00	0.00	0.06	0.08	0.71	11.39
AZUSA CITY PARK	15.81	0.00	0.00	0.00	0.32	2.37	2.46	0.97	0.38	0.95	8.20	0.02	0.14	0.42	0.10	0.93	17.26
AZUSA FOOTHILL RCH	16.48	0.00	0.00	0.00	0.30	2.37	2.20	1.06	0.35	1.57	8.35	0.13	0.15	0.39	0.02	0.88	17.77
AZUSA GRIFFITH RCH	14.63	0.00	0.00	T	0.25	2.05	2.03	0.80	0.25	1.36	7.72	0.04	0.13	0.33	0.00	0.73	15.69
AZUSA PLT-GIC	16.78	T	0.00	T	0.28	2.54	2.35	0.86	0.56	1.70	8.11	0.14	0.22	0.42	0.13	0.97	*18.22
BAILEY DEBRIS DAM	19.23	0.00	0.00	0.00	0.41	3.07	2.23	1.33	0.94	1.75	8.83	0.23	0.34	0.20	0.16	2.74	22.33
BALDWIN HILLS	*12.78	0.00	0.00	0.00	0.34	2.00	1.94	0.50	0.46	1.82	5.73	T	0.00	0.00	0.00	0.10	*12.88
BALDWIN HILLS RES	12.61	0.00	0.00	0.00	0.33	1.55	2.28	0.53	0.53	1.21	6.18	0.00	0.00	0.00	0.00	0.10	*12.71
BALDWIN PARK	14.38	0.00	0.00	0.00	0.17	2.13	1.88	0.75	0.29	0.90	8.15	0.04	0.07	0.11	0.00	1.34	15.83
BARLEY FLAT	18.54	0.00	0.00	0.00	0.84	3.61	3.11	0.89	0.80	1.49	7.78	T	0.02	0.65	0.29	0.84	20.32
BARLOW SANITARIUM	*13.14	0.00	0.00	0.00	0.32	1.59	1.70	0.93	0.40	1.97	6.15	0.00	0.14	0.00	0.04	1.26	*14.36
BARNESON PARK	12.18	0.00	0.00	0.00	0.00	1.12	1.52	0.75	0.45	2.28	6.05	0.00	0.00	0.00	0.00	0.00	12.18
BEAR CR CRYSTAL LAKE	M	M	0.00	0.00	0.63	3.74	3.40	0.93	0.92	2.22	15.22	0.00	0.08	0.06	0.40	1.21	28.81
BEL AIR FC 10	14.78	0.00	0.01	0.00	0.54	1.79	3.11	0.76	0.58	1.95	6.06	0.00	0.00	0.00	0.14	0.29	15.20
BELL FIRE STA	12.80	0.00	0.00	0.00	0.36	1.27	2.59	0.57	0.19	2.34	5.71	0.00	0.06	T	0.35	0.33	13.18
BEVERLY HILLS	15.21	0.00	T	0.00	0.38	1.61	3.51	0.85	0.62	1.97	6.14	0.00	0.07	0.09	0.34	0.24	15.58
BIG DALTON DAM	20.53	T	0.01	0.08	0.38	3.14	3.19	1.29	0.75	1.85	9.30	0.21	0.37	0.15	0.00	0.97	21.56
BIG DALTON-MONROE	*15.55	0.1*	0.00	0.00	0.30	0.40	2.87	2.94	1.19	0.76	1.81	5.04	0.18	0.33	0.11	0.00	0.69	16.30
BIG SANTA ANITA DAM	21.63	T	0.00	0.03	0.43	3.17	3.23	1.48	0.82	1.95	9.77	0.32	0.44	0.45	0.16	2.90	25.11
BIG SANTA ANITA R S	24.99	0.00	0.00	0.00	0.61	3.72	4.01	1.85	1.38	1.23	11.33	0.21	0.57	0.53	0.43	2.73	28.68
BIG TUJUNGA DAM	18.53	0.00	0.00	0.00	0.82	3.17	2.09	0.99	0.58	0.97	9.81	0.04	0.07	0.23	0.15	0.81	19.72
BLUE RIDGE CAMP	* 8.10	0.12	0.00	0.00	0.38	2.07	1.04	0.38	0.40	0.40	2.99	0.00	0.54	0.43	0.11	0.52	*21.34
BOBCAT CANYON	21.40	0.00	0.00	0.00	0.68	3.25	3.13	0.88	0.84	1.42	10.99	0.20	0.21	0.51	0.23	1.51	23.65
BRADBURG DEBRIS BASIN	16.61	0.00	0.00	T	0.26	2.79	2.44	0.98	0.63	1.36	7.71	0.11	0.28	1.41	0.00	1.65	19.67
BRAND PARK	14.11	0.00	0.00	0.00	0.40	2.02	1.96	0.89	0.58	1.17	6.93	0.00	0.16	0.00	0.05	1.75	15.91
BREA CITY	11.34	0.00	0.00	0.00	0.14	1.67	1.40	0.52	0.36	1.42	5.76	0.00	0.04	0.11	0.02	1.62	12.11
BREA UNION OIL	10.99	0.00	0.00	0.00	0.06	1.30	1.40	0.51	0.71	1.90	5.00	0.00	0.11	0.04	0.06	1.05	12.14
BRIGDEN RES NO 1	16.42	0.00	0.00	T	0.48	2.84	1.85	1.06	0.56	1.13	7.91	0.40	0.13	0.06	0.13	1.88	18.53
BRIGGS TERRACE	22.09	T	0.06	0.00	0.62	3.44	3.74	1.28	1.08	1.40	9.55	0.46	0.46	0.12	0.18	1.93	25.26
BUCKHORN FLAT	22.08	0.05	T	T	0.54	3.99	2.48	0.72	1.12	1.53	11.38	0.02	0.29	T	T	1.28	25.31
BUENA PARK	9.41	0.00	0.00	0.00	0.11	1.18	1.19	0.50	0.10	1.70	4.43	0.00	0.00	0.00	0.10	0.34	9.85
BURBANK FIRE DEPT	12.79	0.00	0.00	0.00	0.46	2.27	1.45	0.68	0.50	0.92	6.46	T	0.09	0.01	0.10	0.03	14.93
BURBANK WB AIRPORT	11.33	0.00	0.00	0.00	0.37	1.74	1.33	1.00	0.29	0.96	5.66	0.00	0.08	0.04	0.34	0.75	12.16
CALABASAS	15.75	0.00	0.00	0.00	0.43	2.32	2.73	0.40	0.50	2.11	7.60	0.00	0.00	0.00	0.14	0.25	16.34
CAMP JOSEPHO	20.27	0.00	0.00	0.00	0.42	2.12	4.37	0.98	0.61	2.41	8.67	T	0.09	0.03	0.17	0.22	20.69
CAMP RINCON	19.93	0.04	0.00	0.00	0.50	3.01	2.66	1.09	1.17	1.48	9.78	T	0.20	0.10	T	0.20	20.19
CAMP VALCREST	21.26	0.07	0.00	0.00	1.00	2.78	2.16	0.79	0.82	1.47	11.95	0.00	0.22	0.86	0.43	1.30	23.48
CANOGA PARK PIERCE C	14.25	0.00	0.01	0.01	0.44	2.08	2.14	0.33	0.39	2.06	6.76	0.00	0.01	0.00	0.18	0.18	14.60
CEDAR SPRINGS	*25.69	0.10	T	0.00	0.57	3.44	4.09	1.11	1.10	1.95	13.44	0.03	0.07	0.05	0.44	1.06	*27.05
CHATSWORTH F C 24 D	14.96	0.00	0.00	0.00	0.46	1.68	4.17	0.55	0.48	0.80	6.77	0.03	0.00	0.00	0.32	0.56	15.84
CHATSWORTH PAT STA	17.43	0.00	0.00	0.00	0.46	1.43	5.24	0.68	0.65	1.98	6.94	0.00	0.09	0.00	0.42	0.44	18.29
CHILAO RANGER STA	16.72	T	0.00	0.00	0.71	2.49	1.39	0.48	0.65	0.63	10.36	0.02	0.00	0.61	0.27	0.98	18.58
CLAREMONT INDIAN HILL	14.97	0.00	0.00	0.00	0.34	2.20	1.82	1.02	0.66	1.85	6.90	0.13	0.05	0.11	0.33	0.72	15.80
CLAREMONT SLAUGHTER	14.71	0.00	0.00	0.00	0.26	2.22	1.77	0.91	0.67	1.71	7.04	0.05	0.00	0.13	0.00	0.56	15.40
CLEAR CREEK SCHOOL	26.22	0.00	0.00	0.00	1.03	3.70	4.58	1.77	0.98	1.41	12.64	0.03	0.00	0.21	0.39	1.77	28.39
CLEAR CREEK R S	*21.73	0.00	0.00	0.00	0.68	3.59	3.39	1.34	1.06	1.54	9.73	0.03	0.00	0.00	0.24	1.06	*23.19
COGSWELL DAM	23.06	0.02	0.00	0.00	0.38	3.44	3.97	0.75	1.03	1.72	12.93	0.04	0.09	0.52	0.28	0.85	24.69
COLBYS	18.71	0.00	0.00	0.00	0.47	3.87	2.22	0.76	0.53	1.68	8.63	0.00	0.06	0.44	0.34	0.78	20.32
COLDWATER CANYON	22.65	0.30	T	T	0.68	2.92	2.31	1.01	1.02	2.84	10.09	0.16	0.86	0.16	T	1.16	23.67
COMPTON FIRE STA	12.34	0.00	0.00	0.00	0.32	1.16	2.03	0.45	0.31	2.53	5.46	0.00	0.02	T	0.09	0.13	12.56
COOKS CANYON	17.65	0.00	T	0.00	0.72	3.27	2.03	1.08	0.74	0.98	8.25	0.24	0.26	0.00	0.39	0.33	20.37
COOKS DEBRIS BASIN	15.96	0.00	0.00	0.00	0.50	2.11	2.33	0.91	0.72	1.01	8.07	0.14	0.18	0.00	0.02	2.56	18.67
COON CANYON 2	17.79	0.10	0.00	0.00	0.67	3.18	2.86	1.18	0.62	0.74	7.96	0.00	0.68	0.00	0.19	2.13	20.07
COON CANYON 5	17.68	0.00	0.00	0.00	0.73	2.91	2.63	1.22	0.72	0.79	7.85	0.03	0.77	0.00	0.24	2.06	19.98
COON CANYON 6	18.04	0.00	0.00	0.00	0.66	3.24	2.77	1.10	0.70	0.66	8.04	0.11	0.23	0.00	0.18	1.42	19.64
COVINA GRIFFITH	14.23	0.00	0.00	0.00	0.16	1.66	2.13	0.92	0.34	1.67	7.27	0.03	0.02	0.47	0.00	1.39	16.11
COVINA SEWAGE PLANT	14.35	0.00	0.00	0.01	0.22	1.65	1.97	0.70	0.24	1.57	7.83	0.23	0.00	0.43	0.00	0.66	15.43

*-PARTIALLY ESTIMATED T-TRACE M-MISSING DATA

TABLE A-4
PRECIPITATION AT SOUTHERN CALIFORNIA STATIONS
LOS ANGELES DRAINAGE PROVINCE (U)

STATION NAME	TOTAL JULY 1 TO JUNE 30	PRECIPITATION IN INCHES															TOTAL OCT. 1 TO SEPT 30
		1964						1965									
		JULY	AUG	SEPT.	OCT	NOV	DEC	JAN	FEB	MAR	APRIL	MAY	JUNE	JULY	AUG	SEPT	
LA-SAN GABRIEL RIVER HYDROLOGIC UNIT U-05																	
COVINA TEMPLE FC 193	14.55	0.00	T	T	0.32	1.75	1.95	0.73	0.48	1.79	7.35	0.39	0.00	0.52	T	0.83	15.90
CRYSTAL LAKE FC 283C	*24.77	T	0.00	0.00	0.99	3.55	3.45	1.24	1.36	7.16	11.4*	0.00	0.00	0.06	0.41	1.73	*26.27
CULVER CITY	13.85	0.00	T	0.00	0.48	1.50	2.76	0.55	0.59	0.17	6.19	0.30	0.01	0.01	0.06	0.06	13.98
DAWN MINE	21.71	0.00	0.00	0.00	0.95	3.71	3.07	1.23	0.89	0.80	10.44	0.00	0.57	0.00	0.19	2.36	24.26
DEER DEBRIS BASIN	16.40	0.00	0.00	0.00	0.50	2.50	2.64	1.16	0.63	1.92	8.80	0.24	0.15	0.04	0.14	1.74	18.32
DEPR W P E VALLEY	11.38	0.00	0.02	T	0.46	1.70	1.49	0.77	0.13	0.92	5.67	0.00	0.06	0.02	0.01	0.83	11.92
DESCANSO GARDENS	17.82	0.00	0.00	0.03	0.64	2.75	3.07	1.12	0.85	1.29	7.85	0.15	0.13	0.09	0.18	2.15	20.21
DESOTO RESERVOIR	15.89	0.00	T	0.03	0.49	1.45	4.34	0.47	0.53	0.66	7.82	0.00	0.10	0.02	0.39	0.3*	*16.59
DEVILS GATE DAM	17.29	0.00	T	0.01	0.49	3.02	2.40	0.92	0.66	1.70	7.94	0.11	0.09	0.10	0.17	1.68	19.23
DOMINGUEZ WATER CO	*11.39	0.00	0.00	0.00	0.14	1.16	1.61	0.41	0.4*	0.6*	5.1*	0.00	0.00	0.00	0.00	0.2*	*11.55
DOWNEY FIRE DEPT	12.76	0.00	0.00	0.00	0.20	1.18	2.19	0.49	0.33	0.40	5.98	0.00	0.00	T	0.24	0.27	13.27
DUARTE	15.47	T	0.00	0.00	0.24	2.36	2.16	0.85	0.62	0.74	6.21	0.13	0.16	0.86	0.00	1.08	17.41
DUARTE FIRE STA	*16.28	0.00	0.00	0.00	0.33	2.51	1.87	0.85	0.62	1.73	7.18	0.10	0.2*	0.9*	0.00	1.1*	*17.22
DUNSMORE CANYON-UPPER	19.37	0.00	T	0.00	0.58	3.31	3.49	1.03	0.96	0.64	9.17	0.00	0.17	0.00	0.15	2.98	22.50
DUNSMUIR DEBRIS BAS	*18.18	0.00	0.00	0.00	0.57	2.3*	2.74	1.03	0.78	1.21	9.03	0.23	0.25	0.10	0.06	2.53	*20.87
EAGLE DEBRIS BASIN	16.26	0.00	0.00	0.00	0.47	2.64	3.05	1.07	0.96	0.92	6.84	0.15	0.15	0.05	0.08	2.16	18.55
EAGLE ROCK SCEC	15.27	0.00	0.00	0.00	0.45	2.38	2.12	0.94	0.54	1.60	7.05	0.10	0.09	0.01	0.09	1.45	16.82
EAGLE ROCK RES	14.19	0.00	T	0.00	0.46	2.30	1.61	0.81	0.45	0.85	7.59	T	0.16	0.08	0.12	1.35	15.74
EATON WASH DAM	16.69	0.00	0.00	0.00	0.41	2.75	1.67	1.09	0.59	1.69	7.99	0.35	0.15	0.06	0.18	1.88	18.81
ECHO PARK-LA	*14.17	0.00	0.00	0.00	0.32	1.81	1.87	0.87	0.43	1.09	6.71	0.00	0.1*	0.00	0.0*	1.2*	*15.39
EL CABALLERO CON CLUB	17.33	0.00	0.00	0.00	0.42	1.41	0.53	0.70	0.34	0.24	7.70	0.00	0.00	0.00	0.35	0.14	17.82
ELDER RANCH	16.99	0.00	0.00	0.00	0.28	2.53	2.54	1.21	0.65	1.71	7.97	0.10	T	0.12	0.00	0.79	17.90
EL MONTE FIRE STA	14.01	0.00	0.00	0.00	0.22	1.94	1.82	0.72	0.20	2.66	6.37	0.03	0.05	0.03	0.40	0.67	15.11
EL PRIETO CANYON	19.02	0.00	T	0.00	0.62	3.17	2.86	1.22	0.66	0.77	8.98	0.00	0.74	0.00	0.12	2.37	21.51
EL SEGUNDO	10.87	0.00	0.00	0.00	0.31	1.28	2.03	0.47	0.25	1.93	4.60	T	T	T	0.16	0.02	11.05
ELYSIAN PARK FS	*11.49	0.00	0.00	0.00	0.26	1.43	1.43	0.82	0.31	1.73	5.44	0.00	0.1*	0.00	0.0*	1.2*	*12.71
ENCINO RESERVOIR	14.95	0.00	T	0.00	0.34	1.47	2.87	0.63	0.25	0.46	8.90	0.00	0.00	0.00	0.54	0.16	15.65
EVERETT RANCH	12.61	0.00	0.00	0.00	0.70	1.64	3.64	0.52	0.42	1.12	5.75	0.00	0.00	0.00	0.00	0.68	13.29
FAIR OAKS PER POND	17.78	0.00	0.00	0.00	0.53	3.16	2.47	0.93	0.64	1.36	8.06	0.29	0.34	0.07	0.10	2.12	20.07
FALLING SPRINGS	22.82	0.10	0.00	0.00	0.70	3.15	3.49	1.13	1.31	1.91	10.73	0.08	0.22	0.10	0.09	1.88	24.79
FERN CANYON	23.94	0.08	0.00	0.00	0.52	4.11	2.83	1.20	1.02	2.58	11.23	0.13	0.24	0.20	0.00	1.51	25.57
FISH CANYON	26.48	0.00	0.00	0.00	0.51	4.51	4.23	2.04	0.90	2.35	11.00	0.37	0.51	0.82	0.06	1.73	29.09
FLINTRIDGE P S	16.56	0.00	0.00	0.00	0.48	2.70	2.57	0.89	0.70	1.40	7.67	0.15	T	0.05	0.16	1.50	18.27
FULLERTON ARROYO S RCH	10.06	0.00	0.00	0.00	0.05	1.37	1.39	0.59	0.20	1.25	5.24	0.00	0.01	0.03	0.00	1.08	11.17
FULLERTON HILLCREST RF	10.80	0.00	0.00	0.00	0.39	1.32	1.56	0.59	0.18	2.24	4.45	0.04	0.03	0.03	0.00	1.07	11.90
FULLERTON KNOWLTON	11.29	0.00	0.00	T	0.18	1.37	1.33	0.48	0.17	1.33	6.17	0.00	T	0.00	0.00	0.60	11.69
FULLERTON PUMP PLANT	9.45	0.00	0.00	T	0.08	1.37	1.26	0.54	0.10	2.82	3.26	0.00	0.02	0.04	0.00	0.4*	* 9.87
FULLERTON A P	9.86	0.00	0.00	0.00	0.15	1.13	1.41	0.49	0.13	1.44	5.10	0.00	0.01	0.01	0.00	0.27	10.14
FULLERTON OCFCD YARD	10.98	0.00	0.00	T	0.17	1.33	1.49	0.52	0.15	2.24	4.48	0.00	0.00	0.00	0.00	0.62	11.60
GIRARD BRANT RANCH	*15.43	0.00	0.00	0.00	0.67	2.2*	2.48	0.65	0.40	1.57	7.47	0.03	0.00	0.03	0.05	0.18	*15.66
GIRARD RESERVOIR	14.86	0.00	T	T	0.60	2.45	2.43	0.34	0.37	0.96	7.72	0.00	T	0.00	0.15	0.22	15.23
GLENDALE STAPENHORST	15.03	T	0.00	T	0.36	3.08	1.94	1.00	0.38	1.32	6.88	0.05	0.02	0.01	0.12	1.60	16.76
GLENDALE-JONES	13.38	0.00	0.00	0.00	0.31	2.10	1.76	0.88	0.38	0.53	7.40	T	0.02	0.00	0.07	2.88	16.33
GLENDALE-MCINTYRE	13.26	0.00	0.00	0.00	0.43	2.15	1.69	0.92	0.37	1.34	6.34	0.20	0.02	0.01	0.09	1.95	15.31
GLENDORA WEST FC 185	16.44	T	T	0.02	0.30	2.22	2.43	1.16	0.37	1.59	8.02	0.15	0.19	0.30	T	0.97	17.69
GLENDORA-BROWN	16.88	0.01	T	0.02	0.30	2.50	2.79	1.05	0.45	1.51	7.87	0.15	0.27	0.32	T	1.24	18.41
GLENDORA-ENGLEWD RCH	*17.76	0.22	0.01	0.04	0.33	2.1*	2.79	1.26	0.56	1.63	8.39	0.18	0.45	0.15	0.03	1.22	*19.07
GLENDORA-MCIEO	*16.97	T	0.00	0.04	0.28	2.31	2.53	1.13	0.33	1.54	7.91	0.14	0.07	0.00	0.00	0.88	16.92
GLENDORA-WARREN	16.29	0.00	T	0.05	0.24	2.66	2.06	1.00	0.75	1.55	6.64	0.24	0.29	0.19	T	1.20	17.63
GRANADA PUMP PLT	*16.25	0.00	0.00	0.00	0.4*	2.1*	2.22	0.76	0.58	1.56	6.48	0.00	0.03	0.03	0.19	0.51	*16.94
GRIFFITH PK NURSERY	14.81	0.00	0.00	0.00	0.35	1.65	2.43	1.07	0.50	1.60	7.17	0.00	0.05	0.01	0.02	0.80	15.63
GRIFFITH PK ZOO	*15.82	0.00	0.00	0.00	0.3*	1.8*	2.83	0.92	0.94	1.70	7.34	0.00	0.20	0.00	0.0*	0.7*	*16.58
GRIFFITH FERN DELL	*13.38	0.00	0.00	0.00	0.30	1.68	1.77	1.07	0.48	1.63	5.40	0.00	0.1*	0.00	0.0*	0.8*	*14.20
GRIFFITH LIT CN	*13.75	0.20	0.00	0.00	0.29	1.61	2.29	1.05	0.38	1.49	6.63	0.00	0.1*	0.00	0.0*	0.8*	*14.57
GRIFFITH SWR MINERAL	14.69	0.00	0.00	0.00	0.35	1.85	2.59	0.99	0.48	1.32	7.15	0.00	0.00	0.00	0.00	0.7*	*15.36
GUFFY CAMP	18.70	0.00	0.00	0.00	0.74	3.69	1.37	0.74	0.84	1.39	9.64	0.26	0.34	0.33	0.47	0.83	22.33
HAINES CANYON LOWER	23.69	0.00	0.00	0.00	0.70	6.25	2.33	1.05	0.87	1.42	11.14	0.26	0.37	0.15	0.07	1.44	26.35
HAINES CANYON UPPER	24.98	0.00	0.00	0.00	0.75	6.15	2.49	1.13	0.70	1.53	11.91	0.24	0.43	0.15	0.07	1.43	27.08
HAMILTON BOWL LONG BE	10.92	0.00	0.00	0.00	0.20	1.23	1.54	0.55	0.41	1.82	4.21	0.00	0.02	0.02	0.04	0.52	10.60
HANSEN DAM	12.75	0.00	0.00	0.00	0.53	1.77	1.77	0.70	0.25	1.48	6.25	0.00	0.00	0.05	0.04	2.05	14.89
HEADWORKS PUMP PLT	*13.41	0.00	0.00	0.00	0.31	2.27	1.83	0.81	0.5*	1.03	6.67	0.00	0.00	0.00	0.00	0.67	*14.38
HENNINGER FLATS	21.91	T	0.01	0.03	0.55	4.36	2.69	1.36	0.98	1.81	10.19	0.74	0.52	0.20	0.19	3.03	25.29
HIDDEN SPRINGS	*14.84	T	0.00	0.00	0.97	2.51	1.52	0.9*	0.36	1.9*	6.79	0.00	0.00	0.18	0.11	1.0*	*16.32
HIGHLAND PK-LINDSAY	14.79	T	0.00	0.00	0.38	2.50	1.61	0.82	0.46	2.04	6.96	0.03	0.03	T	0.08	1.43	16.30
HILLCREST COUNTY CB	15.86	0.00	0.00	0.00	0.58	2.22	3.08	0.87	0.70	2.63	5.58	0.03	0.00	0.00	0.12	2.32	16.30
HOEGEES FC 60A	30.65	T	0.00	0.00	0.75	5.12	5.28	1.91	1.78	1.87	13.36	0.12	0.37	0.68	0.38	1.81	33.52
HOLIDAY HILL	*14.65	0.13	0.00	0.00	0.63	3.52	1.31	0.45	0.65	0.7*	8.60	0.00	0.28	0.42	2.15	0.43	*17.49
HOLLYWOOD DAM	14.51	0.00	0.00	0.00	0.41	2.01	2.15	1.09	0.50	0.67	7.63	0.00	0.06	T	0.00	0.58	15.09
HUNTINGTON PARK	12.28	0.00	0.00	0.00	0.39	1.35	2.22	0.50	0.19	1.05	7.58	0.00	0.00	0.03	0.04	0.33	12.70
INGLEWOOD FS	11.19	T	0.00	0.00	0.29	1.22	2.06	0.49	0.42	1.92	4.73	0.00	0.14	0.00	0.02	0.57	11.78

*-PARTIALLY ESTIMATED T-TRACE M-MISSING DATA

TABLE A-4
PRECIPITATION AT SOUTHERN CALIFORNIA STATIONS
LOS ANGELES DRAINAGE PROVINCE (U)

STATION NAME	TOTAL JULY 1 TO JUNE 30	PRECIPITATION IN INCHES														TOTAL OCT. 1 TO SEPT 30
		1964						1965								
		JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APRIL	MAY	JUNE	JULY	AUG	SEPT
LA-SAN GABRIEL RIV + HYDROLOGIC UNIT D-																
IRON MOUNTAIN	24.74															26.31
KAGEL CANYON	13.54															16.13
KENTER CANYON	*14.42															*16.65
LA CANADA	18.95															*20.79
LA CANADA KNOLL	17.77															18.69
LA CRES ENTA F																22.60
LA CRESCENTA-MONTR	*18.9		T													*20.92
LA TUNA CANYON	16															22.67
LINDA VISTA																10.66
[illegible]	12.74															12.56
LA HABRA	12.42															13.67
LA HABRA HTS	13.38															13.77
LAKEWOOD	M	M	M													*12.12
LA MIRADA	8.93															9.75
LANKERSHIM B P	11.89															12.98
LA PUENTE	14.16			T												14.79
LATONA CANYON	11.53															12.59
LA VERNE POL DEPT	14.56															15.83
LAWNDALE	10.99															11.04
LEFFERTS RANCH CO	15.74															16.78
LITTLE [illegible]	14.13															16.24
LITTLE TUJUNGA	*15.56															*18.80
LIVE OAK RES DAM	17.25															18.27
LONG BEACH	10.89															11.22
LOS ALAMITOS LAND CO	9.54															9.82
LA CITY ASST MATTH	*14.65			T												*11.25
LA NO 1	10.12															*11.44
LA SAN ANTONINE	12.69															13.29
LA-SMITH + LINDEN	*13.8															*13.55
LA-SMITH + PALOMA	11.90			T												*12.15
LA-VERDE MEM BLDG	10.84			T												10.40
LA-WOODRUFF AVE	* 9.88															*10.08
LONG BEACH AIRP	10.56															10.92
LOMAS RANCH ALBERT	*12.71															*12.78
LOPEZ CANYON STA	19.53															*20.32
LOS ALAMITOS	10.44															10.80
LOS ALAMITOS R F A T	9.46															10.41
LA CITY COLLEGE	*9.26		T													10.41
LA-CLARK LIBRARY	11.55															10.41
LA CO SURVEYOR	10.44															12.56
LA DOMINION ST	13.79	T		T												15.57
LA MAR GREEN	18.29															14.70
LA-ZOO + HILL	14.17	T														*14.96
LA SAN ELIS [illegible]	14.27															14.71
LA-1ST + TEMPLE ST	11.2															*18.98
LA ANGELES WATER	11.97															15.60
LA ANGELES CITY	11.27															15.50
[illegible] FRANKLIN AV	10.21		T													13.84
[illegible]	8.44															8.43
[illegible]	11.63															20.51
MAR VISTA GARDEN	16.61															*16.85
MAR VISTA PARK	14.43															*16.77
MONTEREY PARK	11.64															10.69
NORTHRIDGE SCHOOL	14.85															23.60
NEW VISTA + [illegible]	11.65															13.82
MT [illegible]	10.56															12.96
MONROVIA FIRE	14.7															19.26
MONROVIA-ARCA	15.76															21.94
MONTANA RANCH	*11.7															*11.51
MONTEREL [illegible]	*14.62															*14.79
MT [illegible]	13.61															13.68
MORRIS DAM	16.94															20.98
MT [illegible]	*19.39															*19.78
MT [illegible]	10.84															37.11
MT [illegible]	9.51															29.84
MT [illegible]	10.71															10.79
MT SAN ANTONIO	14.53															16.90
MT [illegible]	14.82															17.27
MT WILSON RIDGE AT	11.91															34.42
MT WILSON F STA	10.74															32.04

*-PART ALL ESTIMATED T-TRACE M-MISSING DATA

TABLE A-4
PRECIPITATION AT SOUTHERN CALIFORNIA STATIONS
LOS ANGELES DRAINAGE PROVINCE (U)

STATION NAME	TOTAL JULY 1 TO JUNE 30	PRECIPITATION IN INCHES														TOTAL OCT. 1 TO SEPT 30
		1964						1965								
		JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APRIL	MAY	JUNE	JULY	AUG	SEPT
LA-SAN GABRIEL RIVER HYDROLOGIC UNIT U-05																
MULHOLLAND DR KIRKMAN	14.47					1.74		0.62								*14.61
MULHOLLAND FS	*15.83															*16.35
NEWCOMB PASS	27.63	T														30.47
NICHOLS DAM BASIN	14.95															15.23
NORTH HOLLYWOOD	13.47															13.74
NORTHRIDGE	13.14															13.50
NORWALK	13.42															12.66
OAK GROVE	16.78															*18.57
OAKWILDE PHILLIPS	17.															18.30
OLINDA	11.14															12.12
OPIDS CAMP FC 6788	30.24	T														32.48
PACIFIC PALISADES	15.04															15.32
PACOIMA CANYON	*17.31															*.0.87
PACOIMA CYN-CITY DA	76.70															29.21
PACOIMA CNYN DUTCH	14.88															*20.14
PACOIMA KADUATZ	12.50															13.02
PACOIMA WAREHOUSE	11.77															12.76
PACOIMA DAM FC 334 E	16.35															18.22
PALOS VERDES ESTATES	9.71	T														9.76
PALOS VERDES	12.14															12.15
PALOS VERDES HILLS FS	11.70															11.86
PARAMOUNT-CO FS	11.31															13.51
PASADENA	14.92															16.30
PASADENA CAL TECH	14.95															16.79
PASADENA CHLORINE PLT	17.44															17.78
PASADENA-MURLBURT FS	*14.42	T														*16.46
PASADENA JOURDAN	14.89				T											16.33
PASADENA MET STA	15.96															17.51
PASADENA-SHELDON RES	16.41				T											18.22
PASEO MIRAMAR	11.93															*12.11
PAULARINO-SHIFFER	9.33															9.29
PICKENS DEBRIS BAS	19.36															21.66
PINE MOUNTAIN	M					M		M			M			M		M
PLACENTIA ALW CO	* 9.42															* 9.84
PLACENTIA MUT ORANGE	11.98															11.65
POINT VICENTE L H	10.24															10.28
POMONA	14.30	T	T													16.52
POTRERO HEIGHTS	12.42															12.42
PRAIRIE FORKS	16.43															18.33
PUDDINGSTONE DAM	12.76															14.41
PUENTE-FERRERO	*14.71															*15.70
PUENTE HILLS-WEIRER	13.19															14.52
PUENTE HILLS	14.68															16.47
PUENTE-N WHITTIER	13.65															15.31
RANCHO LOS AMIGOS	12.25															13.58
RED BOX GAP	*25.83															*28.29
REDONDO BEACH	9.84															9.85
RIO HONDO SPREAD GND	*12.11															*13.10
ROBERTA CANYON	25.15															27.61
ROGERS CANYON	18.39	T	T	T												19.93
ROSCOE MERRILL	1.42	T	T	T												17.47
ROSEMEAD	12.56															13.85
RUBIO DEBRIS DAM	18.67															21.44
RUSTIC CANYON	*15.81															*16.39
SAN DIMAS CYN E FK	20.76															21.66
SAN DIMAS DAM	17.58															18.42
SAN DIMAS FC 95	14.85															15.95
SAN DIMAS R S	18.94															19.70
SAN DIMAS-STEVENS	*16.70															*17.11
SAN FERNANDO	14.32															15.05
SAN FERNANDO VET HOSP	15.97															17.55
SAN GABRIEL BRUINGTON	*14.72															*16.56
SAN GABRIEL CREEK DIST	18.46															19.25
SAN GABRIEL CYN FCF 2	19.17															19.87
SAN GABRIEL CYN HELI	*25.91															*27.51
SAN GABRIEL CYN RH	18.78															19.33
SAN GABRIEL DAM	21.96			T	T											22.32
SAN GABRIEL DAM CAMP	17.96		T													17.94
SAN GABRIEL FIRE DIST	14.43															16.24
SAN GABRIEL NO FORK	19.19															19.33

*-PARTIALLY ESTIMATED T-TRACE M-MISSING DATA

TABLE A-4
PRECIPITATION AT SOUTHERN CALIFORNIA STATIONS
LOS ANGELES DRAINAGE PROVINCE (U)

STATION NAME	TOTAL JULY 1 TO JUNE 30	PRECIPITATION IN INCHES														TOTAL OCT. 1 TO SEPT 30
		1964						1965								
		JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APRIL	MAY	JUNE	JULY	AUG	SEPT
LA-SAN GABRIEL RIVER HYDROLOGIC UNIT U-05																
SAN JOSE HILLS GALSTE	13.98	0.00	0.00	T	0.20	1.39	1.94	0.65	3.50	1.17	7.02	0.11	0.00	0.00	0.00	0.68	14.66
SAN MARINO-HUNTINGTON	14.99	T	0.00	0.00	0.31	2.10	2.03	0.83	3.44	2.07	7.16	0.00	0.00	0.00	T	1.34	16.33
SAN PEDRO HILLS	13.05	0.00	0.00	0.00	0.21	1.27	2.45	0.75	3.41	1.27	6.67	0.00	0.00	0.00	0.00	0.00	13.05
SAN PEDRO RES	11.01	0.00	0.00	T	0.14	1.51	2.23	0.61	3.57	0.67	5.28	0.00	0.00	0.00	T	0.29	11.30
SANTA ANITA FERN LGE	*30.30	0.91	0.00	0.00	0.68	3.94	4.87	1.85	1.42	1.99	15.1*	0.22	0.20	1.04	0.23	3.00	*34.60
SANTA ANITA CN HELIPT	29.62	0.00	0.00	0.00	0.62	3.98	4.98	1.68	1.64	1.98	14.04	0.04	0.23	0.98	0.23	1.70	32.51
SANTA ANITA SPRING CA	22.41	0.01	0.00	0.00	0.56	2.77	3.61	0.96	1.57	1.55	10.94	T	0.00	0.80	0.13	1.40	24.73
SANTA CLARA RIDGE	*23.03	0.00	0.00	0.00	1.0*	3.7*	2.7*	1.6*	.7*	1.8*	11.6*	0.00	T	0.2*	0.1*	2.0*	*25.33
SANTA MONICA	13.96	0.00	0.00	0.00	0.48	1.63	2.67	0.57	0.44	1.58	5.67	0.00	0.02	0.05	0.10	0.45	14.16
SANTA MONICA PIER	13.72	M	M	0.00	0.36	1.25	2.70	0.60	0.30	0.37	5.54	0.00	0.02	0.11	M	0.03	M
SAPIT CYN DEFR PK	26.35	0.00	0.00	T	0.48	4.24	4.04	1.92	0.86	2.44	11.43	0.33	0.53	0.85	0.06	1.80	29.06
SAPIT DAM NO 2	20.86	T	0.00	0.04	0.33	3.17	3.15	1.29	0.76	1.04	8.61	0.34	0.46	1.41	0.03	2.35	24.61
SAWTELLE	14.58	0.00	0.00	0.00	0.40	1.35	3.55	0.80	.50	2.20	5.73	T	T	T	0.24	T	14.77
SAWTELLE SOLDIER HOME	15.67	0.00	0.01	0.00	0.05	1.90	3.83	0.89	.48	1.66	6.84	0.00	0.03	T	0.15	0.18	15.99
SCHOLL DEBRIS BAS	14.09	0.00	T	0.00	0.48	2.46	1.51	0.66	0.40	1.94	7.05	0.07	0.23	0.03	0.25	1.46	*16.67
SEPULVEDA AND RAYEN	*11.78	0.00	0.00	0.00	0.36	1.7*	1.03	0.6*	0.4*	1.07	6.6*	0.00	0.06	0.00	T	0.4*	*12.16
SEPULVEDA CANYON	17.21	0.00	0.00	0.00	0.40	2.13	4.75	0.99	0.69	0.82	7.43	0.00	0.00	0.00	0.1*	0.3*	*17.59
SEPULVEDA CANYON 19	*16.53	0.00	0.00	0.00	0.47	1.92	4.27	0.75	0.42	0.20	8.24	0.00	0.2*	0.0*	0.1*	0.3*	*16.97
SEPULVEDA DAM	13.45	0.00	0.00	0.00	0.34	1.47	5.20	0.75	0.30	1.73	6.66	0.00	0.00	T	0.25	0.20	13.90
SEPULVEDA-HILLHOLLAND	16.86	0.00	0.00	0.00	0.50	1.76	5.76	0.68	0.69	2.10	7.47	0.00	0.00	0.00	0.00	0.34	17.20
SHELL ABSORPTION PLT	12.86	0.00	0.00	0.00	0.7	1.14	1.72	0.76	0.41	1.58	6.60	0.03	0.35	0.05	0.00	1.36	14.27
SIERRA MADRE DAM	20.75	0.00	0.00	0.00	0.39	3.66	3.58	1.34	0.88	2.13	10.16	0.11	0.37	0.29	0.28	2.63	23.42
SIERRA MADRE MM PP	19.67	0.00	0.00	0.00	0.41	2.99	4.51	1.20	0.81	1.12	10.05	0.11	0.40	0.30	0.35	2.44	22.69
SIERRA MADRE PEGL	17.00	0.00	0.00	0.00	0.29	2.63	2.02	0.97	0.60	1.81	8.04	0.46	0.14	0.16	0.00	1.7*	*18.81
SIERRA MADRE PUMP STA	17.83	T	0.00	T	0.36	2.76	4.23	1.10	0.67	1.12	9.28	0.31	0.30	0.31	0.25	1.84	20.23
SIERRA MADRE USFS	*19.73	0.00	0.00	T	0.42	2.93	3.80	1.54	0.45	2.1*	8.73	0.43	0.41	0.40	0.40	2.24	*22.77
SIGNAL HILL FC 415	10.75	0.00	0.00	0.00	0.18	1.14	1.95	0.56	0.39	0.06	4.6*	0.00	0.00	T	0.02	0.46	11.23
SILVER LAKE RES	14.61	0.00	0.00	0.00	0.35	2.16	1.99	0.71	0.54	1.10	7.71	T	0.07	0.00	0.04	1.18	15.82
SOUTH GATE	*11.61	0.00	0.00	0.00	.3*	1.80	1.87	0.5*	0.17	1.17	6.77	0.00	0.02	T	0.20	0.21	*11.87
SOUTH HAWKINS	3.48	0.00	0.00	T	0.26	1.09	0.87	0.11	0.00	0.27	1.52	0.00	0.00	0.49	0.13	0.09	4.19
SOUTH PASADENA	14.50	0.00	0.00	0.00	0.35	2.42	1.88	0.80	0.41	1.83	6.62	0.03	0.37	0.01	T	1.78	16.29
SPADRA PACIFIC CULONY	12.90	0.00	0.00	0.00	0.12	1.91	1.99	0.72	0.23	1.97	6.00	T	0.00	0.46	0.00	1.97	15.33
STANTON	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M
STONE CANYON	*14.78	0.00	0.01	0.00	0.54	1.8*	3.13	0.75	0.58	1.95	6.00	0.03	0.00	0.00	0.14	0.3*	*15.20
STONE CANYON RAIL	*15.96	0.00	0.00	0.00	0.75	1.75	4.4*	0.8*	0.59	0.53	6.9*	0.00	0.2*	0.0*	0.1*	0.3*	*16.40
STONE CANYON RES	17.00	0.00	0.01	T	0.67	1.94	4.15	0.78	0.67	0.79	7.90	0.00	0.19	0.01	0.11	0.32	17.43
STOUGH PARK	12.48	0.00	0.00	0.00	0.47	1.39	2.97	0.92	0.35	1.10	6.53	0.00	0.12	0.04	T	1.25	13.74
STUDIO CITY-GOODLAND	*11.97	0.00	0.00	0.00	0.30	1.51	1.91	0.30	0.22	1.41	5.63	0.00	0.1*	0.0*	0.2*	0.3*	*11.89
STURTEVANT CAMP	10.77	0.00	0.00	0.00	0.68	1.10	1.68	1.66	1.65	1.74	13.33	0.16	0.53	0.51	0.23	1.73	23.24
SULLIVAN CANYON	*16.84	0.00	0.00	0.00	0.36	1.76	3.53	0.65	0.43	1.9*	8.2*	0.00	0.00	0.00	0.00	0.3*	*17.18
SUNLAND	14.74	0.00	0.00	0.00	0.56	2.89	1.53	0.32	0.28	1.30	7.85	0.00	0.02	0.13	0.16	1.17	16.20
SUNSET DAM	14.43	0.00	0.00	0.00	0.48	2.70	1.46	0.93	0.40	1.30	6.89	0.04	0.23	0.02	0.13	1.65	16.23
SUNSET R S	*17.70	0.00	M	M	0.50	2.90	2.94	0.94	0.63	1.4*	7.10	0.3*	0.14	0.06	0.06	1.78	*19.10
SYLMAR	*15.32	0.00	0.00	0.00	0.45	1.95	3.38	0.7*	0.66	0.58	7.59	0.00	0.03	0.03	0.1*	0.64	*16.10
TANBARK FLATS	20.20	0.11	T	T	0.35	2.60	2.42	1.19	0.91	2.34	9.62	0.18	0.28	0.04	T	0.82	20.95
TEMPLE CITY	13.72	0.00	0.00	T	0.28	2.11	1.84	0.78	0.39	1.84	6.36	0.10	0.02	0.05	0.20	1.17	15.14
TOPANGA CYN OUTLET	15.62	0.00	0.00	0.00	0.40	1.71	3.23	0.83	0.32	4.04	4.99	0.00	0.00	0.13	0.15	0.00	15.80
TORRANCE	11.07	0.00	0.00	0.00	0.15	1.03	2.37	0.44	0.37	1.73	5.06	0.00	0.02	0.02	0.00	0.05	11.14
TORRANCE AIRPORT	11.40	0.00	0.00	0.00	0.15	1.03	2.27	0.44	0.37	1.73	5.00	T	0.02	0.02	T	0.05	11.14
TUJUNGA CN AB SOLE	16.93	0.00	0.00	0.00	0.75	3.28	1.64	1.04	0.49	1.08	8.63	0.00	0.02	0.05	0.05	0.95	17.98
TUJUNGA CYN-SOLOMON	14.37	0.00	0.00	0.00	0.58	2.44	1.23	0.77	0.27	0.82	7.96	T	T	0.04	T	1.58	15.69
TUJUNGA CYN-VOGEL	22.74	0.00	0.00	0.00	0.79	4.34	4.90	1.10	.62	1.06	11.91	0.00	0.02	0.27	0.25	0.92	24.18
TURNBULL DEBRIS BAS	*12.75	0.00	0.00	0.00	0.2*	1.19	1.60	0.64	0.32	2.09	6.38	0.00	T	0.00	0.00	1.54	*13.79
UNION OIL STEARNS	10.93	0.00	0.00	0.00	0.28	1.44	1.56	0.23	0.40	1.32	5.88	0.00	0.02	0.05	0.00	1.00	11.98
U C L A	13.80	T	0.00	T	0.49	1.85	3.43	0.86	0.49	1.73	4.66	T	0.39	0.02	0.16	0.18	14.16
UNIV SO CAL	*11.43	0.00	T	0.00	0.31	1.85	2.3*	0.65	0.32	1.11	6.39	T	T	0.00	T	0.33	*13.26
UPPER STONE CYN	*14.39	0.00	0.00	0.00	0.45	1.51	2.89	0.63	0.37	1.70	8.35	0.00	0.2*	0.0*	0.1*	0.3*	*14.53
VAN NORMAN LK LAP DAM	16.79	0.00	T	0.00	0.50	2.32	3.71	0.85	0.71	2.57	8.11	0.00	0.32	0.02	0.19	0.90	17.90
VAN NUYS FC 150	13.93	0.00	0.00	0.00	0.39	1.38	2.2*	0.63	0.26	0.77	7.22	0.00	0.03	0.00	0.12	0.33	13.38
VENICE F S	13.79	0.00	0.00	0.00	0.50	1.61	2.23	0.55	0.48	1.32	6.60	0.00	0.00	0.00	0.15	T	13.44
VERDUGO PUMP STA	14.23	0.00	T	0.00	0.37	2.19	1.16	0.80	0.20	0.38	7.10	0.00	0.03	0.12	0.01	1.45	13.81
VINCENT GULCH	24.26	0.00	0.00	0.00	1.03	4.36	4.39	1.52	.80	1.36	11.28	0.00	0.52	0.00	0.39	0.65	26.30
WALNUT FRUIT GROWERS	13.19	0.00	0.00	0.00	0.14	1.32	1.55	0.55	1.11	1.38	7.14	0.00	0.00	0.10	0.00	1.50	14.79
WALNUT PATROL STN	12.77	0.00	0.00	0.00	0.03	1.18	1.54	0.56	0.55	1.15	6.96	0.00	0.03	0.08	0.00	0.74	13.59
WALTERIA LAKE PUMP ST	9.39	0.00	0.00	0.00	0.27	1.36	1.09	0.40	0.31	1.54	3.74	0.00	0.02	0.01	0.01	0.04	9.45
WATERMAN G E	21.94	0.00	0.00	0.00	1.02	3.37	2.96	1.23	0.98	1.66	10.72	0.00	0.00	0.25	0.33	1.45	23.97
WATERMAN MIN	22.57	0.00	0.00	0.00	1.06	2.97	1.36	0.57	1.03	1.83	14.42	0.00	0.24	0.00	0.00	1.3*	*23.85
WEST ARCADIA	14.73	0.00	0.00	0.00	.3	2.20	1.3	0.80	0.82	1.69	7.01	0.13	0.05	0.04	0.22	1.01	16.00
WEST AZUSA	14.39	0.00	0.00	0.00	0.25	1.94	1.87	0.91	0.27	1.39	7.48	0.18	0.11	0.74	0.00	0.67	15.80
WEST BURBANK	13.76	0.00	0.00	0.00	0.44	1.79	1.79	0.76	0.36	1.09	6.70	0.00	0.07	0.03	0.04	0.89	14.22

*-PARTIALLY ESTIMATED T-TRACE M-MISSING DATA

TABLE A-4
PRECIPITATION AT SOUTHERN CALIFORNIA STATIONS
LOS ANGELES DRAINAGE PROVINCE (U)

STATION NAME	TOTAL JULY 1 TO JUNE 30	PRECIPITATION IN INCHES														TOTAL OCT. 1 TO SEPT 30
		1964						1965								
		JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APRIL	MAY	JUNE	JULY	AUG	SEPT	
LA-SAN GABRIEL RIVER HYDROLOGIC UNIT U-05																	
WEST COVINA KELLER RN	*14.59	0.00	0.00	0.00	0.20	1.46	2.00	0.7*	0.23	2.25	7.7*	0.01	0.05	0.03	T	1.31	*15.93
WEST FORK R S	32.37	0.00	0.00	0.00	0.71	5.40	5.83	1.16	1.05	2.47	15.69	0.00	0.06	0.71	0.21	0.81	34.10
WHITTIER CITY HALL	12.47	0.00	0.00	0.00	0.13	1.29	1.61	0.65	1.39	2.69	5.71	0.00	T	0.01	T	1.01	13.49
WHITTIER-CATE	12.11	0.00	0.00	0.00	0.19	1.43	1.87	0.64	0.11	1.88	5.95	0.00	0.04	0.01	0.13	1.21	13.46
WHITTIER-WOOD	*12.91	0.00	0.00	0.00	0.19	1.58	1.75	0.66	0.28	2.1*	6.39	0.00	0.00	0.07	0.00	1.35	*14.33
WHITTIER NARROWS	14.03	T	0.00	T	0.19	1.83	2.10	0.70	0.40	1.93	6.85	T	0.03	0.03	0.10	0.57	14.73
WILMINGTON-2	11.59	0.00	0.00	0.04	0.20	1.25	1.73	0.60	0.48	0.75	6.54	0.00	0.00	0.00	0.00	0.27	11.82
WILSON CANYON	18.91	0.00	0.00	0.00	0.88	2.82	3.11	0.85	0.73	2.37	8.08	0.00	0.07	0.20	0.02	2.31	21.44
WOLFSKILL CYN-UPPER	*22.11	0.1*	0.00	0.00	0.51	2.99	3.29	1.50	0.84	2.18	9.96	0.23	0.54	0.07	0.00	1.35	23.46
WRIGHTWOOD FIRE STA	12.56	T	T	0.00	1.01	3.39	0.77	0.40	.19	1.10	4.92	0.05	0.73	0.47	1.09	0.45	14.57
YORBA LINDA	M	M	M	M	0.16	1.22	1.50	0.58	0.45	2.35	4.76	0.05	0.04	0.14	0.05	1.08	12.38
YORBA RESERVOIR	10.69	0.00	0.00	0.03	0.14	1.34	1.28	0.90	.55	1.67	5.16	T	0.02	0.10	0.00	1.01	11.77
SAN PEDRO CH ISLANDS HYDROLOGIC UNIT U-06																	
AVALON PLEASURE PIER	10.04	0.00	0.00	0.05	0.12	1.36	1.02	0.63	0.26	1.94	4.57	0.00	0.09	0.00	0.02	0.20	10.21
SANTA CATALINA WB AP	~10.29	0.00	0.00	0.05	0.26	1.37	0.95	0.51	0.24	2.17	4.58	0.00	0.16	0.02	0.03	0.11	10.40

*-PARTIALLY ESTIMATED T-TRACE M-MISSING DATA

TABLE A-4
PRECIPITATION AT SOUTHERN CALIFORNIA STATIONS
LAHONTAN DRAINAGE PROVINCE (W)

STATION NAME	TOTAL JULY 1 TO JUNE 30	PRECIPITATION IN INCHES														TOTAL OCT. 1 TO SEPT. 30
		1964						1965								
		JULY	AUG	SEPT.	OCT	NOV	DEC	JAN	FEB	MAR	APRIL	MAY	JUNE	JULY	AUG.	SEPT.
MONO HYDROLOGIC UNIT W-01																
CAIN RANCH	*10.70	*.60	*.64*	T	*.46	1.66	3.01	2.13	*.26	0.18	1.03	3.25	0.61	1.98	0.51	0.24	12.32
ELLERY LAKE	M	*.83	1.69	M	1.25	5.43	12.24	4.42	1.51	1.27	1.76	6.70	0.58	0.34	2.56	0.75	32.34
SEM LAKE	M	*.73	1.47	M	*.66	*.95	*.96	*.59	*.41	0.81	*.91	2.90	0.76	0.90	2.20	0.50	25.49
MONO LAKE	M	*.36	1.11	M	*.95	1.49	4.86	1.59	*.47	0.90	2.27	*.94	0.73	0.50	0.66	0.46	12.75
OWENS HYDROLOGIC UNIT W-03																	
ALABAMA HILLS	2.63	*.24	*.21	*.01	*.07	*.22	0.38	*.06	*.01	*.24	1.01	0.02	0.19	0.44	0.41	0.00	3.23
BISHOP CREEK INTAKE	8.72	*.00	*.70	*.00	*.22	1.35	*.45	2.77	*.24	0.24	1.61	0.15	0.22	1.00	1.14	0.00	10.06
BISHOP AG AIRPORT	2.16	*.00	*.59	*.00	*.37	*.22	*.24	*.48	*.07	0.05	*.00	0.02	0.22	0.55	0.61	0.02	3.33
BISHOP UNION CARBIDE	*.78	*.11	0.51	*.02	*.26	*.14	*.00	*.00	*.01	*.00	*.00	*.00	0.00	0.77	0.00	1.03
HAINES	*.22	*.86	1.49	*.00	*.11	*.73	0.65	*.03	*.00	0.21	*.65	*.09	T	1.38	0.60	0.30	6.24
INDEPENDENCE	3.32	*.10	*.14	*.00	*.11	*.21	*.24	*.40	*.10	*.22	*.16	*.00	*.14	*.98	*.13	0.00	4.39
LONE PINE	*.59	*.23	*.14	*.02	*.18	*.35	*.51	*.17	*.07	*.27	1.48	T	*.11	*.46	*.23	0.00	3.01
L A AQUEDUCT INTAKE	*.14	*.12	*.06	*.01	*.25	*.23	1.16	*.38	*.00	*.11	*.95	*.40	*.20	*.20	*.22	0.00	3.49
MAMMOTH	33.60	*.35	1.18	*.17	*.65	*.20	*.72	*.85	*.10	*.65	*.15	*.75	1.30	1.50	*.75	0.50	37.20
ROCK CREEK LADWP	17.51	*.40	*.45	*.11	*.75	*.15	6.15	*.00	*.00	*.85	*.80	0.95	0.60	1.35	*.23	0.05	20.95
TINEMAHA RES	8.64	T	*.05	*.00	*.44	*.34	*.10	*.38	*.00	*.82	*.16	*.00	*.03	*.46	*.10	*.02	4.17
WHITE MOUNTAIN 2	22.72	*.75	1.98	*.00	1.45	1.74	*.07	*.24	*.24	1.86	*.74	*.68	1.87	0.30	1.09	0.00	20.14
DEEP SPRINGS HYDROLOGIC UNIT W-05																	
DEEP SPRINGS COLLEGE	4.17	*.51	*.66	*.01	*.28	*.10	0.44	0.62	*.00	0.35	*.11	0.16	0.14	0.78	0.72	0.30	4.70
WHITE MOUNTAIN 1	13.39	*.00	*.02	*.01	*.95	1.80	*.60	1.63	*.00	0.35	*.46	*.55	1.33	1.12	*.53	0.00	17.99
AMARGOSA HYDROLOGIC UNIT W-09																	
DEATH VALLEY	2.96	*.68	*.14	*.03	*.02	*.10	0.03	*.09	*.00	0.05	1.27	*.00	0.00	0.21	0.27	M	M
SEARLES HYDROLOGIC UNIT W-21																	
SOUTH TRONA	7.82	*.37	*.34	T	*.00	*.20	*.00	T	T	1.52	1.10	T	0.00	0.25	0.00	0.00	8.37
TRONA	3.37	*.74	0.47	*.01	*.26	*.24	*.09	*.00	*.00	*.85	1.38	*.00	*.00	1.30	0.03	0.00	3.59
INDIAN WELLS HYDROLOGIC UNIT W-24																	
FREEMAN STATION	4.94	*.00	*.01	*.08	*.27	*.53	0.43	*.86	T	*.99	*.21	*.01	*.00	0.44	0.79	0.00	5.72
HAINES POWERHOUSE	5.21	*.16	*.41	*.00	*.04	*.19	*.44	*.34	*.00	*.31	*.66	*.10	0.01	1.07	0.31	0.00	5.62
INYOKERN	M	*.00	*.00	*.00	*.18	*.31	*.43	*.17	*.11	*.84	1.81	M	0.12	*.81	0.74	M	M
INYOKERN ARMITAGE	M	*.10	*.14	*.01	*.15	*.16	*.06	*.00	*.11	0.93	1.27	M	*.00	*.23	0.80	M	M
LITTLE LAKE	4.48	*.10	*.14	*.00	*.19	*.43	*.17	*.09	*.01	0.21	*.61	*.06	0.02	*.81	*.11	0.00	5.40
FREMONT HYDROLOGIC UNIT W-25																	
CANTIL	M	*.08	*.00	*.00	*.31	0.27	*.44	*.28	M	1.69	*.72	*.00	*.06	0.17	*.34	0.00	M
RANDSBURG	*.28	*.01	*.00	*.11	*.00	*.90	0.49	*.28	*.04	1.14	*.28	*.00	*.14	0.33	*.12	*.02	*.76
ANTELOPE HYDROLOGIC UNIT W-26																	
ANTELOPE VLY FL STA	*.58	T	*.15	*.01	*.04	*.28	0.36	*.20	*.13	*.44	*.34	*.01	T	*.28	*.01	0.30	7.90
BEAR GULCH	23.16	*.26	*.00	*.00	*.68	*.61	*.76	*.88	*.97	1.66	1.45	*.11	*.84	0.53	*.88	0.88	26.65
BELLVIEW	*.78	*.00	*.00	T	*.42	*.66	*.18	*.00	*.00	*.34	*.81	*.00	T	*.28	*.01	*.12	8.30
BURKHART RCH LEWIS	*.67	*.16	*.00	*.00	*.44	*.16	0.35	*.00	*.00	1.25	*.00	*.00	*.04	*.48	*.00	0.46	11.04
CALLAWAY	20.24	*.24	*.00	*.00	*.76	*.62	*.00	0.44	*.00	*.01	1.68	*.00	*.03	*.43	*.02	*.43	22.33
CANYON CASTLE	*.76	*.00	*.00	*.00	*.31	*.31	*.35	*.78	*.16	*.31	*.44	*.00	*.00	*.00	*.19	0.56	17.53
CORRAL CANYON	21.77	*.00	*.00	*.00	*.81	*.40	*.06	*.67	*.01	*.61	1.45	*.00	*.00	*.19	*.00	*.00	21.77
FAIRMONT	*.78	*.00	*.00	*.00	*.34	*.76	*.07	*.00	*.00	*.00	*.00	*.00	*.00	*.00	*.34	*.31	*.35
FAIRMONT RESERVOIR	1.63	*.00	*.00	T	*.46	1.43	*.40	*.00	*.11	*.12	0.01	*.00	*.00	*.00	*.00	*.48	*.71
TRACEY HOLLOW	14.9	*.14	*.00	*.00	*.31	*.49	*.68	*.00	*.67	*.78	*.00	*.00	*.00	*.17	*.24	3.69	*.81

*-ESTIMATED T-TRACE M-MISSING

TABLE A-4
PRECIPITATION AT SOUTHERN CALIFORNIA STATIONS
LAHONTAN DRAINAGE PROVINCE (W)

STATION NAME	TOTAL JULY 1 TO JUNE 30	PRECIPITATION IN INCHES															TOTAL OCT. 1 TO SEPT. 30
		1964						1965									
		JULY	AUG	SEPT.	OCT	NOV	DEC	JAN.	FEB	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	
ANTELOPE HYDROLOGIC UNIT W-26																	
MT VISTA-CARD	3.82	0.00	0.37	0.00	0.25	0.85	0.45	0.07	0.04	0.59	1.20	0.00	0.00	0.17	0.40	0.04	4.06
HUNT CANYON	5.41	0.00	0.00	0.00	0.36	0.27	0.27	0.11	0.07	0.35	2.28	0.00	0.00	0.50	0.00	0.3*	* 6.23
ISLIP SADDLES	27.23	0.00	0.00	0.00	0.75	3.25	3.94	0.97	1.03	1.61	15.41	0.00	0.23	0.00	2.40	1.20	28.86
KRATKA SKI LIFT	*24.85	0.19	0.02	0.00	0.86	3.73	4.15	1.34	1.42	0.7*	12.12	0.00	0.00	0.00	0.00	1.2*	*25.96
LANCASTER	4.06	0.00	0.30	0.00	0.31	1.04	0.07	0.23	0.02	0.45	1.95	0.00	0.00	0.27	0.26	0.18	4.77
LANCASTER HMS	4.16	0.00	0.00	0.00	0.32	1.26	0.00	0.24	0.00	0.34	1.91	0.00	0.00	0.32	0.39	0.15	4.98
LANCASTER WILEY	4.11	0.00	0.00	0.00	0.18	1.45	0.00	0.22	0.00	0.40	2.06	0.00	0.00	0.05	0.24	0.00	4.40
LEONIS VALLEY	13.29	0.00	0.00	0.30	0.55	3.37	2.11	0.70	0.12	1.53	4.91	0.00	0.00	0.40	0.72	0.31	14.72
LITTLE ROCK	4.59	0.00	0.00	0.30	0.10	1.65	0.04	0.07	0.02	1.07	1.61	0.00	0.00	0.28	0.56	0.10	5.50
LITTLE ROCK CREEK	M	T	T	0.00	0.57	2.14	0.17	0.17	M	M	M	M	M	M	1.91	0.26	M
MESCAL CREEK FT TEJON	6.49	0.19	0.62	0.00	0.23	2.19	0.00	0.07	0.05	0.37	2.73	0.00	0.04	0.35	1.13	0.23	7.39
MILE HIGH	M	M	M	M	0.34	2.37	0.00	0.07	0.15	0.87	4.36	0.00	0.14	0.37	0.35	0.60	* 9.60
MOJAVE	4.73	0.01	0.30	0.30	0.32	1.85	0.15	0.16	0.00	1.44	1.93	0.00	0.00	0.20	0.30	0.00	5.28
MOJAVE 2 ESE	3.19	0.00	0.00	0.00	0.20	1.03	0.20	0.00	0.00	1.10	1.86	0.00	0.00	0.00	0.00	0.00	3.19
MT BALDY	*24.78	0.38	0.00	0.00	0.84	3.65	4.07	0.30	1.08	2.26	12.15	0.00	0.18	0.56	1.20	1.38	*7.77
MUNZ VALLEY RCH	6.03	0.05	0.20	0.00	0.29	1.04	0.49	0.12	0.00	0.35	3.54	0.00	0.00	0.20	1.03	0.33	7.39
PACIFIC MOUNTAIN	19.97	0.11	0.00	0.00	0.71	2.64	3.34	0.72	0.50	2.01	10.74	0.00	0.20	0.04	0.00	0.65	20.64
PALMDALE	M	M	M	0.00	0.26	1.09	0.13	0.11	M	0.27	1.94	M	M	0.44	0.13	0.09	M
PALMDALE HMS	* 4.72	M	T	0.00	0.30	1.14	0.45	0.14	0.00	0.01	2.23	0.00	0.00	0.52	0.30	T	* 5.54
PALMDALE-CIRCLE C	5.32	T	T	0.00	0.35	2.09	0.24	0.13	0.02	0.44	2.05	0.00	0.30	0.91	0.23	0.19	6.55
PALMDALE FAA AP	3.81	0.00	0.00	0.00	0.22	1.00	0.07	0.05	0.00	0.40	1.47	0.00	0.00	0.58	0.09	0.26	4.70
PALM ROCK RANCH	M	0.00	0.00	0.00	0.1*	0.70	0.0*	0.0*	0.0*	0.17	M	M	M	M	M	M	M
PAUL	3.68	0.07	0.06	0.00	0.16	0.83	0.00	0.00	0.00	0.48	2.08	0.00	0.00	0.34	0.38	0.15	* 4.57
PINE CANYON G S	15.60	0.00	0.00	0.00	0.80	3.12	2.40	0.43	0.29	0.78	7.82	0.13	0.03	0.23	0.60	0.90	17.39
PIUTE BUTTE	4.24	T	T	0.00	0.20	1.44	0.18	0.08	T	0.52	1.82	T	T	0.12	0.18	0.21	4.75
PLEASANT VIEW	6.66	0.15	0.00	0.00	0.40	2.23	0.08	0.05	0.10	0.87	2.78	0.00	0.00	0.32	0.65	0.24	7.72
PUZZLE SPRINGS RANCH	M	0.20	1.06	0.00	0.33	1.65	0.00	M	M	1.20	4.14	0.00	0.20	0.15	5.14	M	M
SANTIAGO CYN	6.69	0.06	0.00	0.00	0.37	2.23	0.13	0.22	0.10	0.49	3.09	0.00	0.00	0.87	1.40	0.52	9.42
SANTIAGO CREEK	5.85	0.05	0.00	0.00	0.32	1.95	0.11	0.19	0.09	0.43	2.71	0.00	0.00	0.76	1.22	0.45	8.23
SAWMILL MTN RCH	*15.70	0.00	0.00	0.00	0.88	2.94	2.92	0.37	0.05	1.7*	6.87	0.00	0.00	0.75	0.22	0.70	*17.37
SYCAMORE CAMP	9.54	0.15	0.00	0.00	0.55	1.84	0.71	0.40	0.10	0.92	4.87	0.00	0.00	0.45	1.24	0.40	11.48
TABLE MOUNTAIN	14.87	0.23	0.03	0.00	0.80	4.00	1.72	0.47	0.48	0.61	6.22	T	0.31	0.61	5.61	0.55	21.38
VALYERMO R S	6.91	0.08	0.03	0.00	0.38	2.38	0.08	0.12	0.03	0.87	2.94	0.00	0.00	0.22	0.04	0.33	7.39
WEST ANTELOPE	5.31	T	T	0.00	0.40	0.89	0.12	0.15	0.00	0.58	3.09	0.00	0.08	0.27	0.45	0.08	6.11
WILLOW SPRINGS	8.05	0.00	0.00	0.00	0.44	1.63	2.30	0.00	0.00	1.11	2.53	0.04	0.00	0.41	0.50	0.09	9.05
WILSONA	M	0.70	0.20	0.00	0.11	0.63	0.00	0.02	T	0.50	1.50	0.00	M	M	M	M	M
MOJAVE HYDROLOGIC UNIT W-28																	
ADELANTO	3.63	0.00	0.00	0.00	0.10	1.08	0.00	0.06	0.02	0.83	1.39	0.00	0.15	0.18	0.38	0.05	4.24
APPLE VALLEY	3.81	0.06	0.01	0.00	0.18	0.87	0.00	0.04	0.20	0.46	1.99	0.00	0.00	0.07	0.67	0.01	4.49
ARROWHEAD R S	36.79	0.03	0.02	0.14	0.19	5.55	7.38	3.15	1.09	3.74	14.66	0.39	0.45	0.23	0.60	1.76	39.19
BAKER 9 NNW	3.15	0.15	0.09	0.00	0.00	0.29	0.00	0.01	0.07	0.55	1.99	0.00	0.00	0.02	0.03	0.00	2.96
BARSTOW	3.13	0.38	0.03	0.00	0.00	0.62	0.00	0.34	0.05	0.55	1.03	0.00	0.13	0.49	0.42	0.02	3.65
BARSTOW-2	3.97	1.15	0.00	0.00	0.06	1.79	T	0.02	0.13	0.56	1.20	0.02	0.04	1.25	0.72	0.00	4.79
BARSTOW COUNTY YARD	2.89	0.37	0.00	0.00	0.03	0.55	0.00	0.09	0.09	0.59	1.17	0.00	0.00	0.76	0.00	0.00	3.28
BIG PINES RANK	20.48	0.33	T	0.00	0.83	4.23	2.52	0.82	0.80	1.24	9.22	0.06	0.43	0.54	3.92	0.61	25.22
BLUE JAY WEST	M	0.15	0.02	0.17	0.46	7.88	7.49	3.15	1.49	3.66	17.57	M	M	M	M	M	M
CEDAR SPRINGS R EVAP	28.51	T	T	0.15	0.54	4.40	3.32	1.68	0.75	3.53	14.00	0.14	0.00	0.07	0.30	0.52	29.25
DAGGETT FAA AP	5.10	0.57	0.17	0.00	0.20	1.14	0.00	0.10	0.00	0.80	1.83	0.00	0.29	0.25	0.47	0.00	5.08
DUNN SIDING	M	0.06	0.52	0.00	0.00	0.43	0.00	0.03	0.04	0.95	2.20	M	0.10	1.14	0.19	0.00	M
HESPERIA	5.68	0.37	0.00	0.00	0.22	0.97	0.00	0.00	0.00	0.89	3.44	0.09	0.00	0.06	0.03	0.05	5.75
HESPERIA FFS	M	0.30	0.40	0.00	0.19	1.53	0.05	0.00	0.07	0.89	M	M	M	M	M	M	M
HINKLEY 5N	M	0.02	T	T	0.02	0.23	T	0.00	0.10	0.88	1.14	M	M	M	M	M	M
JOBS PEAK	M	M	M	M	0.30	5.82	4.93	1.97	0.70	3.17	10.92	0.31	0.25	0.00	0.00	1.40	29.77
KRAMER JUNCTION B C	3.13	T	0.00	0.00	0.09	0.83	0.10	0.05	0.02	0.44	1.60	0.00	0.00	0.08	0.08	0.00	3.29
LAKE ARROWHEAD	33.73	0.01	T	0.14	0.66	5.21	5.75	2.61	1.32	2.80	14.98	0.13	0.12	0.17	0.65	0.99	35.39
PHELAN	6.63	0.00	0.10	0.00	0.14	2.72	0.03	0.02	0.02	0.76	2.71	0.00	0.23	0.33	0.15	T	7.01
PILOT ROCK EVAP	M	M	M	M	0.63	4.26	4.03	1.80	0.73	1.37	16.14	0.10	0.06	0.03	T	0.60	27.75
SQUIRREL INN 1	M	0.00	M	0.30	2.24	2.53	0.03	2.41	0.33	2.92	12.89	0.00	0.00	0.00	0.00	0.00	26.35
SQUIRREL INN 2	37.30	0.00	0.00	0.07	0.43	5.07	5.99	2.36	1.24	2.98	18.72	0.15	0.29	0.22	0.58	1.24	39.27
STODDARD VALLEY	2.48	0.03	0.12	0.30	0.23	0.74	0.00	0.12	0.06	0.44	0.91	0.00	0.03	0.36	0.93	0.00	3.62
SUMMIT VALLEY RENTFRO	M	M	M	M	M	M	1.28	6.65	0.39	1.21	9.69	0.30	0.00	0.03	0.02	0.41	M
VICTORVILLE PUMP PLT	4.29	0.03	0.00	0.00	0.12	1.25	0.00	0.05	0.15	0.30	2.14	0.17	0.08	0.10	0.62	0.08	4.96
WRIGHTWOOD	13.77	0.50	T	0.30	1.31	3.29	0.77	0.40	0.19	2.41	4.92	0.05	0.73	0.47	1.09	0.45	15.78
YERMO INSPECTION STA	4.73	0.08	0.71	0.30	0.54	0.67	0.01	0.08	T	0.73	1.89	T	0.02	0.13	0.43	T	4.50

*-PARTIALLY ESTIMATED T-TRACE M-MISSING DATA

TABLE A-4
PRECIPITATION AT SOUTHERN CALIFORNIA STATIONS
COLORADO DRAINAGE PROVINCE (X)

STATION NAME	TOTAL JULY 1 TO JUNE 30	PRECIPITATION IN INCHES														TOTAL OCT. 1 TO SEPT 30
		1964						1965								
		JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APRIL	MAY	JUNE	JULY	AUG	SEPT
LUCERNE HYDROLOGIC UNIT X-01																
KAISER PERMANENTE P	3.32	0.00	1.66	0.46	0.26	0.11	0.10	T	0.00	0.28	2.03	0.00	0.02	0.54	1.49	0.78
LUCERNE VALLEY 1 WSW	2.73	0.07	0.14	0.00	0.11	1.15	0.07	0.10	0.02	0.36	0.81	0.00	0.00	0.15	0.46	0.01
LUCERNE VALLEY 2 W	2.62	0.07	0.04	0.00	0.00	1.15	0.07	0.10	0.02	0.36	0.81	0.00	0.00	0.15	0.46	0.01
EMERSON HYDROLOGIC UNIT X-05																
KEE RANCH	5.17	0.00	0.10	0.41	0.00	1.50	0.00	0.10	0.00	0.85	2.72	0.00	0.00	0.32	0.15	0.00
JOSHUA TREE HYDROLOGIC UNIT X-08																
JOSHUA TREE	M	0.22	0.16	0.02	0.04	0.70	M	0.01	0.00	0.67	0.99	0.00	0.00	0.00	0.18	0.15
QUAIL CANYON	0.47	T	T	T	0.00	0.00	0.00	0.00	0.00	0.27	0.20	0.00	0.00	0.00	0.30	0.10
YUCCA VALLEY	4.32	0.20	0.05	0.02	0.00	1.22	0.00	0.03	T	0.94	1.54	0.02	0.00	0.22	0.17	0.00
OALE HYDROLOGIC UNIT X-09																
TWENTYNINE PALMS	2.53	0.24	0.25	0.00	0.00	0.83	0.00	0.01	0.03	0.29	0.80	0.00	0.08	0.23	0.89	0.00
TWENTY NINE PALMS C Y	2.04	0.04	0.13	T	T	0.53	0.00	0.00	T	0.35	0.99	0.00	0.00	T	0.85	0.00
TWENTY NINE PALMS O S	1.54	T	0.18	0.06	0.00	0.68	0.00	T	T	0.23	0.39	T	0.00	0.00	0.85	T
BRISTOL HYDROLOGIC UNIT X-10																
MITCHELL CAVERNS	7.46	1.18	0.10	0.00	0.01	1.09	0.00	0.62	0.34	1.11	2.94	0.07	0.00	0.19	0.78	0.00
WARD HYDROLOGIC UNIT X-12																
IRON MOUNTAIN SH 114	2.83	0.03	0.05	0.00	0.04	0.44	0.12	0.01	0.08	0.40	1.66	0.00	0.00	0.48	0.06	0.00
PIUTE HYDROLOGIC UNIT X-13																
NEEDLES CO YD	6.89	0.42	0.71	0.00	0.00	0.69	0.14	0.27	0.27	1.43	2.96	0.00	0.00	0.13	0.55	0.00
NEEDLES FAA AP	6.63	0.30	0.19	0.02	0.06	0.87	0.21	0.18	0.42	1.57	2.61	0.00	0.00	0.12	0.05	0.11
NEEDLES PUMPING PLANT	7.03	0.44	0.69	T	0.00	0.75	0.15	0.00	0.50	1.08	3.42	0.00	0.00	0.32	0.07	T
CHEMEHUEVIS HYDROLOGIC UNIT X-14																
PARKER RESERVOIR	5.15	0.12	0.20	0.00	0.00	0.80	0.12	0.32	1.29	0.46	1.75	0.39	0.00	0.16	0.15	0.24
COLORADO HYDROLOGIC UNIT X-15																
BLYTHE	3.67	0.04	0.04	0.00	0.33	0.38	0.17	0.17	0.12	0.48	1.91	0.02	0.00	0.06	0.06	0.07
BLYTHE CAA AIRPORT	M	0.08	0.00	M	0.00	0.30	0.14	0.14	0.04	0.13	3.00	0.01	0.00	0.00	0.35	0.00
BLYTHE AIR BASE	3.92	0.15	0.00	0.00	T	0.04	0.21	0.16	0.41	0.04	3.03	0.00	0.00	0.00	0.40	T
BLYTHE F C STA	3.27	0.04	0.00	0.00	0.00	0.22	0.13	0.27	0.34	0.26	1.97	0.00	0.00	0.02	0.06	0.07
RIPLEY FC STA	3.75	0.09	0.25	0.00	0.00	0.28	0.17	0.27	0.08	0.37	2.24	0.00	0.00	0.05	0.32	0.03
CHUCKWALLA HYDROLOGIC UNIT X-17																
EAGLE MOUNTAIN	1.91	0.00	0.00	0.02	0.31	0.19	0.11	0.00	0.10	0.30	0.85	0.00	0.00	0.00	0.10	0.00
HAYFIELD HYDROLOGIC UNIT X-18																
HAYFIELD PUMP PLANT	M	0.00	0.00	0.06	0.00	0.38	0.09	M	0.04	0.12	0.84	0.08	M	0.00	0.00	0.01	M

*-PARTIALLY ESTIMATED T-TRACE M-MISSING DATA

TABLE A-4
PRECIPITATION AT SOUTHERN CALIFORNIA STATIONS
COLORADO DRAINAGE PROVINCE (X)

STATION NAME	TOTAL JULY 1 TO JUNE 30	PRECIPITATION IN INCHES														TOTAL OCT 1 TO SEPT 30
		1964						1965								
		JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APRIL	MAY	JUNE	JULY	AUG	SEPT
WHITEWATER HYDROLOGIC UNIT X-19																
BANNING	14.14	0.03	0.00	0.00	0.00	1.98	2.17	0.66	0.73	2.19	5.89	0.00	0.04	M	M	M
BERMUDA DUNES	2.99	T	T	0.04	T	1.27	T	T	T	0.51	1.17	0.00	0.00	0.00	0.12	0.75
CABAZON	10.23	1.25	0.00	0.06	0.12	2.41	1.64	0.36	0.44	1.91	1.82	0.03	0.01	0.23	4.17	0.31
CATHEDRAL CITY F.C.S.	3.01	0.00	T	0.01	0.00	1.38	0.06	T	0.06	0.48	1.02	0.00	0.00	0.00	0.69	0.03
DEEP CANYON LABORATOR	2.45	0.01	0.00	0.00	0.00	1.14	0.15	0.00	0.02	0.57	0.56	0.00	0.00	0.64	0.84	0.05
DESERT HOT SPRINGS	3.72	0.00	0.00	0.07	0.02	1.38	0.09	0.04	0.25	0.73	1.14	0.00	0.00	0.00	0.00	0.12
HURLEY FLAT	19.59	0.05	0.04	0.00	0.63	3.38	2.12	0.98	0.00	1.80	10.59	0.00	0.00	0.44	1.35	0.15
IDYLLWILD R S	M	0.69	0.00	1.18	0.37	2.97	4.20	1.49	1.90	3.30	7.54	0.02	M	1.11	0.75	0.54
INDIO	2.36	0.00	T	0.12	T	1.00	T	T	0.00	0.51	0.73	0.00	0.00	0.00	0.00	0.41
INDIO US DATE GARDEN	M	0.00	0.17	0.07	0.00	0.91	0.00	0.00	M	0.44	0.89	0.00	0.00	0.00	0.00	0.50
LAKELAND VILLAGE	12.70	T	0.00	0.60	0.15	1.83	1.38	0.38	0.40	1.21	7.15	0.00	0.00	0.48	0.03	0.22
MECCA 3 SE	1.73	0.03	0.00	0.00	0.00	0.90	0.00	0.00	0.00	0.30	0.50	0.00	0.00	0.01	0.06	0.18
MECCA	2.03	T	0.01	0.23	0.00	0.93	0.00	T	T	0.36	0.50	0.00	0.00	0.00	0.00	0.46
MORONGO VALLEY	5.25	0.00	0.07	0.15	0.10	0.94	0.41	0.23	0.05	1.01	2.49	0.00	0.00	0.00	0.09	0.28
NIGHTINGALE	10.84	0.05	1.26	0.10	0.40	1.69	1.12	0.09	0.24	1.54	2.21	0.14	0.00	0.00	0.00	0.00
OAK GLEN SB 174	25.18	1.00	0.00	0.00	0.24	2.15	2.50	4.89	1.68	2.38	10.32	0.00	0.00	0.00	2.18	1.59
OASIS	2.28	0.00	0.00	0.20	T	1.00	T	T	T	0.35	0.71	0.00	0.00	0.00	0.00	0.05
PALM DESERT	2.70	T	T	0.10	0.06	1.20	0.05	T	0.04	0.40	0.85	0.00	0.00	0.42	0.13	0.01
PALM SPRINGS	3.40	0.00	0.03	0.16	0.00	1.34	0.14	0.00	0.07	0.63	1.04	0.00	0.00	0.00	0.15	0.00
PALM SPRINGS N SOOFFO	4.01	0.00	0.00	0.13	0.05	1.34	0.17	0.04	0.06	0.97	1.25	0.00	0.00	0.00	0.00	0.01
PALM SPRINGS TRAMWAY	12.73	0.00	0.00	0.50	0.07	4.99	0.88	0.04	0.08	1.08	5.09	0.00	0.00	0.00	0.00	0.00
SNOW CREEK UPPER	8.65	0.00	0.00	0.37	0.07	2.24	1.07	0.34	0.37	0.47	3.72	0.00	0.00	0.15	1.42	0.07
SO FORK CABIN	22.50	0.43	0.00	0.00	1.25	2.68	3.39	1.45	0.90	1.82	10.58	0.00	0.00	M	0.60	0.81
THERMAL FAA AP	M	0.00	0.03	0.18	0.00	0.55	0.00	0.00	0.00	0.69	0.42	0.00	M	M	0.00	0.05
THERMAL	2.37	T	0.08	0.18	0.04	1.00	T	T	0.00	0.34	0.73	0.00	0.00	0.00	0.00	0.25
THOUSAND PALMS	2.42	T	T	0.05	0.01	0.93	0.01	0.02	T	0.52	0.88	0.00	0.00	0.00	0.00	0.07
ANZA-BORREGO HYDROLOGIC UNIT X-22																
BORREGO DESERT PARK	3.44	0.03	0.29	0.19	0.35	1.16	0.28	0.05	0.07	0.04	0.98	0.00	0.00	0.58	0.71	0.00
BORREGO SPRINGS 3NNE	2.39	0.00	0.00	0.18	0.28	1.12	0.00	0.02	0.00	0.05	0.74	0.00	0.00	0.21	0.00	0.00
BOULEVARD	10.92	0.74	0.12	0.00	0.40	1.60	1.34	0.31	1.73	0.34	4.34	0.00	0.00	0.17	0.15	0.18
OCOTILLO WELLS	1.31	0.00	0.12	0.00	0.10	0.43	0.00	0.00	0.00	0.09	0.54	0.03	0.00	0.03	0.73	0.03
IMPERIAL HYDROLOGIC UNIT X-23																
BRAWLEY 2 SW	1.60	0.01	0.00	0.00	0.06	0.38	0.03	0.05	0.15	0.17	0.75	0.00	0.00	0.00	0.00	0.00
CALEXICO 2 NE	1.63	T	T	0.00	0.51	0.32	0.04	0.10	0.20	0.07	0.39	0.00	0.00	T	0.05	0.00
COYOTE WELLS	1.35	0.03	0.00	0.00	0.08	0.63	0.00	0.00	0.16	0.00	0.45	0.00	0.00	0.00	0.37	0.00
EL CENTRO 2 SSW	1.45	0.00	0.00	0.00	0.22	0.24	0.02	0.00	0.16	0.20	0.61	0.00	0.00	0.00	0.00	0.00
IMPERIAL	1.62	0.00	0.00	0.00	0.24	0.29	0.01	0.04	0.22	0.10	0.72	0.00	0.00	T	0.00	0.00
IMPERIAL FAA AP	1.54	0.00	0.00	0.00	0.33	0.12	0.01	0.03	0.27	0.19	0.59	0.00	0.00	0.00	0.00	0.00
NILAND	2.02	0.00	0.08	0.00	0.00	0.40	0.00	0.00	0.00	0.06	1.48	0.00	0.00	0.00	0.00	0.00
AMOS-OGILBY HYDROLOGIC UNIT X-26																
GOLD ROCK RANCH	1.96	0.00	0.16	0.00	0.00	0.26	0.00	0.19	0.17	0.06	1.12	0.00	0.00	0.02	0.00	0.00

*-PARTIALLY ESTIMATED T-TRACE M-MISSING DATA

TABLE A-4
PRECIPITATION AT SOUTHERN CALIFORNIA STATIONS
SANTA ANA DRAINAGE PROVINCE (Y)

STATION NAME	TOTAL JULY 1 TO JUNE 30	PRECIPITATION IN INCHES															TOTAL OCT. 1 TO SEPT. 30
		1964						1965									
		JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APRIL	MAY	JUNE	JULY	AUG	SEPT.	
SANTA ANA RIVER HYDROLOGIC UNIT Y-01																	
ALTA LOMA SB 176	M	M	M	M	0.35	2.77	2.63	1.27	0.80	0.98	0.40	0.00	0.13	0.32	0.00	0.51	8.96
ANAHEIM AUTOMATIC	11.64	0.00	0.00	0.06	1.12	1.12	1.35	0.58	0.19	0.04	6.28	0.00	0.00	0.00	0.02	0.00	0.30	11.90
ANAHEIM CARROLL RCH	10.33	0.00	0.00	0.11	0.09	1.08	1.11	0.49	0.16	1.47	5.24	0.00	0.01	T	0.00	0.00	0.13	10.45
ANAHEIM WATER WORKS	10.26	0.00	0.07	0.00	0.12	1.19	1.32	0.61	0.07	1.78	5.44	0.00	0.00	0.02	0.00	0.35	10.63
ARLINGTON	8.72	0.00	T	0.25	0.04	1.64	0.72	0.46	0.12	1.20	4.26	0.00	0.00	0.11	0.15	0.14	8.87
ARLINGTON GAGE CANAL	7.45	0.00	0.00	0.21	0.05	1.32	2.61	0.35	0.18	1.27	3.45	T	0.01	0.15	0.36	0.27	8.02
BEAUMONT 1 E	14.46	0.04	0.07	1.10	0.23	1.65	2.42	0.64	0.65	0.03	6.65	0.06	0.06	M	M	M	M
BEAUMONT F C STA	14.40	0.04	0.07	1.10	0.23	1.65	2.42	0.64	0.65	0.03	6.65	0.06	0.06	0.23	1.30	0.33	16.05
BIG BEAR LAKE	18.64	0.80	0.25	0.00	0.52	3.43	2.33	1.38	0.84	1.13	7.90	0.00	0.06	1.12	1.39	0.59	20.69
BIG BEAR LAKE F D	17.42	0.80	0.25	T	0.52	3.43	2.33	0.60	T	1.13	7.90	T	0.06	1.12	1.39	0.59	19.07
BIG BEAR LAKE DAM	33.05	1.45	0.26	0.23	0.62	4.58	4.74	1.88	1.46	0.06	15.73	0.00	0.04	1.37	1.83	0.64	34.95
BIG BEAR CITY	9.39	T	0.42	0.05	0.39	1.83	2.22	0.32	0.30	0.96	2.58	0.04	0.18	0.62	1.61	0.50	11.55
BLOOMINGTON	M	T	0.00	M	0.15	1.81	1.23	0.44	0.37	0.64	5.91	M	M	M	M	M	M
BLUE CUT	5.97	0.00	0.00	0.00	0.06	0.75	0.14	0.00	0.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.97
BRUSH CANYON	18.54	0.01	0.00	0.00	0.26	2.58	2.47	1.43	0.28	2.00	8.66	0.24	0.31	0.08	0.17	0.99	19.67
CAJALCO 1	8.74	T	0.00	0.32	0.08	0.52	0.09	0.35	0.07	1.52	3.84	T	0.02	0.36	0.46	0.09	9.33
CAJON JUNCTION	11.08	0.00	0.00	0.00	0.27	0.46	0.38	0.38	0.10	1.49	7.47	0.00	0.33	0.29	0.63	0.05	12.05
CALIMESA	14.97	0.2	T	0.15	0.25	0.18	0.26	0.69	0.38	1.52	7.84	0.43	0.13	0.14	0.26	1.05	15.07
CASA COLINA	M	0.32	T	0.90	0.18	M	M	0.29	0.50	2.21	5.62	0.00	T	0.32	T	0.90	M
CHERRY VALLEY	16.55	0.00	0.31	0.44	0.23	1.67	2.31	0.74	1.03	2.04	7.34	0.00	0.19	0.32	1.63	1.20	18.90
CHINO-IMBACH	M	0.01	0.00	0.15	0.29	1.19	0.92	M	M	0.91	6.77	0.00	0.00	0.24	0.00	1.04	M
CHINO SCE CO	10.39	0.00	0.00	0.02	0.09	1.45	1.22	0.45	0.35	2.00	4.81	0.00	0.00	0.48	0.00	1.44	12.29
CLAREMONT FIRE STA	15.12	T	0.00	0.00	0.30	2.66	1.95	0.94	0.57	2.10	6.52	0.03	0.05	0.19	0.00	0.50	15.81
CLAREMONT POMONA COL	14.26	T	0.00	0.02	0.33	2.69	1.91	0.87	0.52	1.97	6.48	0.04	0.03	0.22	0.00	0.57	15.03
COLTON HWY YARDS	12.78	0.00	0.00	0.00	0.06	2.33	1.45	0.55	0.29	1.10	6.67	0.07	0.09	0.28	0.00	0.25	13.31
COLTON F. D.	9.39	0.30	0.00	0.05	0.08	2.06	0.28	0.55	0.28	1.19	4.54	0.02	0.04	0.08	0.00	0.39	9.51
COLTON SCE CO	10.24	0.03	T	0.08	0.05	1.27	1.01	0.16	0.19	1.63	4.90	0.39	0.03	0.14	0.00	0.56	10.83
CORONA	9.51	0.03	0.00	0.34	0.04	1.54	1.05	0.20	0.37	2.16	3.75	0.01	0.05	0.30	0.20	0.17	9.84
CORONA DEL MAR	11.88	0.00	0.00	0.10	0.08	1.11	1.46	0.55	0.18	0.70	6.67	0.00	0.03	0.04	0.00	0.23	11.05
CORONA A SDF	9.60	0.00	0.00	0.28	0.11	1.51	1.36	0.34	0.24	1.28	4.41	T	0.07	0.28	0.02	0.38	10.00
CORONA LEMON CO 1	12.02	0.00	0.00	0.85	0.04	1.55	1.48	0.20	0.41	1.32	6.06	0.00	0.11	0.57	T	0.27	12.01
CORONA LEMON CO 2	14.37	0.00	0.00	0.56	0.40	1.76	1.85	0.51	0.56	1.43	7.30	0.00	T	0.56	T	0.31	14.68
CORONA LEMON CO 3	12.36	0.00	0.00	0.00	0.40	1.60	1.72	0.51	0.42	1.47	6.24	0.00	T	0.57	T	0.14	13.07
COSTA MESA	10.83	0.00	0.00	0.40	0.04	1.66	1.50	0.53	0.26	0.93	6.11	0.00	0.00	0.04	0.00	0.39	10.86
COSTA MESA DODGE	10.61	0.00	0.00	0.37	0.02	1.22	1.51	0.69	0.19	1.91	3.70	0.00	0.00	0.00	0.00	0.23	10.47
CRAFTON SCHNEIDER	9.59	0.18	0.04	0.20	T	1.38	1.06	0.50	0.00	0.88	5.22	0.13	0.00	0.00	1.00	0.00	10.17
CREST FORREST C OF C	M	M	M	M	M	3.89	6.27	3.15	1.36	4.51	10.27	0.16	0.50	0.09	0.33	1.98	M
CRESTLINE SB 176	24.35	0.00	0.00	0.00	0.34	2.99	4.04	2.45	0.92	3.31	9.43	0.36	0.51	0.00	0.39	1.58	26.32
CRESTLINE 5 E	34.96	0.02	0.02	0.16	0.35	5.46	5.45	2.84	0.99	4.36	15.51	0.43	0.47	0.10	0.65	1.48	36.99
DAY CANYON	M	M	0.00	0.00	M	M	M	M	M	1.54	9.20	0.06	0.00	0.00	0.00	M	M
DECLEZ	15.90	0.00	0.00	0.07	0.25	2.51	2.23	0.52	0.34	2.13	7.75	0.06	0.04	0.16	0.00	0.21	16.20
DEL ROSA COWAN	15.02	0.26	0.00	0.06	0.14	1.98	2.70	1.11	0.23	1.17	7.37	0.00	0.00	0.00	0.00	0.00	14.70
DEL ROSA RANGER	17.25	0.10	0.00	0.07	0.10	2.33	2.79	1.02	0.31	2.44	7.65	0.19	0.35	0.07	0.06	0.81	18.12
DEVORE	28.24	0.00	0.00	0.00	0.60	2.75	4.92	2.70	0.70	1.85	14.00	0.41	0.31	0.14	0.29	1.53	30.20
DEVORE SW GPR	M	0.00	0.00	0.11	0.50	M	4.65	2.19	0.66	1.48	9.78	0.15	0.26	0.22	0.18	1.42	M
E HIGHLAND ORANGE	14.68	0.14	0.00	0.15	0.18	2.16	2.29	0.93	0.56	2.28	5.60	0.15	0.24	0.01	0.96	0.67	16.03
EL CERRITO	10.31	T	0.00	0.26	0.16	1.56	1.35	0.32	0.26	1.49	4.53	T	0.08	0.51	0.00	0.40	10.66
EL TORO LOS ALISO RN	10.77	0.00	0.00	0.40	0.15	1.50	0.41	0.87	0.28	1.18	5.98	0.00	0.00	0.00	0.00	0.82	11.19
FONTANA B + O	18.73	0.40	0.00	0.00	0.28	2.48	2.36	1.12	0.40	0.83	7.04	0.14	0.08	0.07	0.63	0.35	19.78
FONTANA HERALD NEWS	13.66	0.10	0.00	0.07	0.25	2.43	2.24	0.65	0.38	0.95	6.53	0.13	0.03	0.08	0.16	0.27	14.10
FONTANA CO YDS	17.03	0.00	0.00	0.00	0.30	2.35	2.25	4.73	0.31	1.67	5.72	0.00	0.00	0.00	0.08	0.39	17.50
FONTANA POWERHOUSE 2	16.52	0.20	0.00	0.04	0.21	2.51	2.49	1.19	0.37	1.79	7.05	0.32	0.05	0.15	0.03	0.39	16.55
FONTANA 5 N	20.75	0.00	0.02	0.08	0.45	3.86	3.97	0.00	0.79	1.97	9.14	0.28	0.19	0.14	0.01	0.46	21.26
FONTANA KAISER	12.22	0.00	0.00	0.37	0.20	2.03	1.51	0.63	0.28	1.55	5.95	0.00	0.00	0.05	0.00	0.28	12.48
FONTANA SEWAGE	10.16	0.00	0.00	0.02	0.15	2.07	0.89	0.53	0.35	2.07	4.08	T	0.00	0.06	T	0.29	10.49
FOREST FALLS	23.53	0.55	0.06	0.20	0.37	2.44	3.03	0.77	1.71	3.21	11.19	0.00	0.00	0.20	1.07	0.82	24.81
GARDEN GROVE CO YD	10.14	0.00	0.00	0.10	0.08	1.33	1.19	0.50	0.12	1.24	5.59	0.00	0.00	0.05	0.00	0.26	10.36
GLEN AVON FIRE DEPT	10.63	0.00	0.00	0.05	0.12	1.70	1.26	0.47	0.38	0.83	5.95	0.00	0.07	0.21	0.00	0.04	10.83
GLEN IVY	12.05	0.00	0.00	0.00	0.00	1.40	1.20	0.00	0.43	1.61	6.94	0.00	0.00	M	M	M	M
GREEN CANYON SPRINGS	11.96	0.30	0.61	0.07	0.19	2.03	2.40	0.29	0.47	1.29	3.88	0.05	0.08	0.28	1.59	0.38	12.93
HIGH GROVE	9.80	0.00	0.00	0.08	0.07	1.79	0.86	0.49	0.19	1.61	4.58	0.06	0.05	0.04	0.03	1.70	11.47
HUNTINGTON BEACH	10.70	0.00	0.00	0.02	0.19	1.17	1.96	0.49	0.25	0.56	5.48	0.00	0.38	0.05	0.00	0.63	11.16
IRVINE CO AUTOMATIC	10.19	0.00	0.00	0.11	0.15	1.09	1.60	0.52	0.26	1.09	5.37	0.00	T	0.11	T	0.60	10.79
IRVINE CO HARKEL	* 9.93	0.00	0.00	0.14	0.08	1.20	1.62	0.45	0.31	0.92	5.06	0.00	0.00	0.09	0.00	0.82	*10.70
IRVINE CO JOHNSON	8.59	0.00	0.00	0.06	0.11	0.87	1.14	0.45	0.18	1.21	5.63	0.00	0.00	0.09	0.00	0.17	9.85
IRVINE CO LAMBERT	13.52	0.00	0.00	0.18	0.24	1.42	1.53	0.73	0.34	0.89	5.19	0.00	0.00	0.14	0.00	0.31	10.79
IRVINE CO LAMBERT ANTI	*13.87	0.00	0.00	0.21	0.36	1.37	1.64	0.72	0.48	0.92	5.17	0.11	0.21	0.16	0.00	0.36	*11.13
IRVINE CO LIMESTONE	12.31	0.00	0.00	0.19	0.17	1.51	1.59	0.78	0.36	1.48	6.65	0.00	0.00	0.00	0.25	0.16	12.59
IRVINE CO OIL PCH	9.82	0.00	0.00	0.00	0.17	1.18	0.95	0.46	0.28	0.99	5.21	0.00	0.00	0.06	0.00	0.94	*10.78
IRVINE CO SHADY CAMP	10.78	0.00	0.00	0.10	0.00	1.34	1.13	0.47	0.27	0.98	6.02	0.00	0.00	0.07	0.00	0.96	11.21

*-PARTIALLY ESTIMATED T-TRACE M-MISSING DATA

TABLE A-4
PRECIPITATION AT SOUTHERN CALIFORNIA STATIONS
SANTA ANA DRAINAGE PROVINCE (Y)

STATION NAME	TOTAL JULY 1 TO JUNE 30	PRECIPITATION IN INCHES															TOTAL OCT. 1 TO SEPT. 30
		1964						1965									
		JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR.	APRIL	MAY	JUNE	JULY	AUG	SEPT.	
SANTA ANA RIVER HYDROLOGIC UNIT Y-01																	
IRVINE CO WHSE	10.23	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.51	0.25	1.05	5.41	0.00	0.00	0.12	0.00	0.52	10.72
IRVINE CO SALT WORKS	11.41	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.58	0.20	[illegible]	6.64	0.00	0.00	0.09	0.00	1.36	12.47
KATELLA SUBSTA	9.45	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.00	0.02	0.01	0.00	0.46	[illegible]
LA SIERRA F S	* 9.18	T	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.00	[illegible]	0.04	0.23	0.14	[illegible]
LEMON HGTS SPRINGER	11.98	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	11.53
LYTLE CREEK PH 1	27.64	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	28.43
LYTLE CREEK R S	22.76	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	M	M
MENTONE FS SB 120	10.56	[illegible]	T	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	11.98
MENTONE GREEN SPOT	11.42	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	11.84
MILL CREEK NO 2	16.20	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	17.25
MILL CREEK RANGER STA	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M
MIRA LOMA	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M
MONTE VISTA	12.17	[illegible]	[illegible]	T	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	12.72
MT BALDY FC BSF	24.16	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	25.29
MT BALDY NOTCH	17.39	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	19.79
MURDY RCH	* 10.38	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	* 10.16
MUSCOY FIRE DEPT	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M
NEWPORT BEACH HARBOR	M	M	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	10.63
NORCO	8.97	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NUVIEW	10.29	T	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	11.16
OAK GLEN SR 122	21.29	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	23.80
ONTARIO F S	11.98	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	12.31
ONTARIO SEWAGE PLANT	5.31	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	5.38
ORANGE	11.06	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	11.85
PADUA HILLS RS	16.07	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	17.63
PALMER CANYON	19.95	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	20.98
PEDLEY FIRE STA	1.52	T	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	10.88
PERRIS FORESTRY	9.78	T	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	10.40
PINE 2	11.57	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	11.97
POMONA FIRE STATION	13.09	T	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	13.92
POMONA-STEVENS	12.83	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	14.82
PRADO DAM EXP STA	10.62	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	11.10
RECHE CANYON	11.43	[illegible]	T	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	12.88
REDLANDS SB 101	10.67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	11.14
REDLANDS PATH	9.85	[illegible]	T	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	10.79
REDLANDS SR 144	10.46	[illegible]	T	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	11.08
REDLANDS COUNTRY CLUB	9.20	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	10.79
RIALTO	12.74	T	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	12.54
RIVERSIDE FIRE STN 3	8.57	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
RIVERSIDE CITRUS EXP	8.83	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	9.66
SAN ANTONIO CNYN MTH	20.50	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	21.87
SAN ANTONIO CANYON	20.79	[illegible]	T	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	23.19
SAN ANTONIO HTS	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M
SAN BERNARDINO HOSP	12.65	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	13.26
SAN BERNARDINO CO FCD	10.02	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	10.10
SAN JOAQUIN FRUIT CO	12.74	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	13.37
SANTA ANA FIRE STA	10.74	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	10.91
SAN TIMOTEO	11.62	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	15.86
SANTA ANA	15.41	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	16.16
SANTA ANA RIVER PH 3	15.02	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	15.66
SANTA ANA RIVER PH 1	20.73	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	21.80
SANTIAGO DAM	12.82	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	12.97
SCHRIDER RES	15.64	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SILVERADO CANYON	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M
SUSTIN AUTOMATIC	11.15	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	11.24
UPLAND	15.71	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	16.71
UPLAND 2 N	15.71	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	16.71
UPLAND-CADNUM	* 19.12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	* 19.64
UPLAND CO YDS	8.40	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	8.47
UPLAND CHAPPELL	15.46	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	16.59
VILLA PARK DAM	12.45	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	10.87
VILLA PK-ORCHARD	1.19	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	10.18
WESTMINSTER	9.85	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	9.87
WEST RIVERSIDE	9.79	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	10.23
WILD ROSE RANCH-LABL	9.55	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	10.23
WINTERHALTER-STATE?	10.82	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	11.72
YUCAIPA CO YDS	10.85	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	13.60
YUCAIPA FPS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	14.77
YUCAIPA WATER CO	15.44	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	16.63

*-PARTIAL BY ESTIMATE T-T[illegible] M-MI[illegible] DATA

TABLE A-4
PRECIPITATION AT SOUTHERN CALIFORNIA STATIONS
SANTA ANA DRAINAGE PROVINCE (Y)

STATION NAME	TOTAL JULY 1 TO JUNE 30	PRECIPITATION IN INCHES															TOTAL OCT. 1 TO SEPT. 30
		1964						1965									
		JULY	AUG	SEPT	OCT	NOV	DEC	JAN.	FEB	MAR.	APRIL	MAY	JUNE	JULY	AUG	SEPT.	
SAN JACINTO VALLEY HYDROLOGIC UNIT Y-02																	
BEAUMONT	14.49	0.02	0.27	0.43	0.21	1.72	1.31	0.67	0.88	0.04	6.53	0.02	0.00	0.24	1.05	0.02	15.08
BEAUMONT PUMPING PL	15.92	0.02	0.24	0.46	0.16	1.95	2.85	1.03	1.24	0.22	7.94	0.30	0.38	0.42	1.66	1.65	21.03
ELSINORE	8.46	0.10	0.0	0.30	0.14	2.47	0.87	0.13	0.20	0.63	2.42	0.00	0.06	0.31	0.09	0.18	8.95
HEMET	9.20	0.10	0.00	0.33	0.02	1.61	0.72	0.46	0.40	1.70	4.14	0.11	0.01	0.37	0.30	0.49	10.33
HOMELAND IN SEC 17	9.82	0.15	0.00	0.12	0.21	1.18	0.56	0.26	0.46	0.63	4.20	0.00	0.00	0.15	0.00	0.12	9.97
JUNIPER FLATS	12.99	0.15	T	0.10	0.23	1.58	0.58	0.38	0.55	3.13	6.26	0.18	0.00	0.54	0.07	0.13	13.63
LITTLE LAKE VLY VISFS	9.96	0.14	0.01	0.09	0.33	1.68	0.83	0.37	0.38	1.57	4.59	0.06	0.02	0.37	0.18	0.43	10.81
PERRIS	9.42	0.10	0.00	0.16	0.14	1.36	0.00	0.12	0.30	2.54	5.06	0.02	0.00	0.00	0.18	0.11	9.55
PERRIS RES EVAP	9.60	0.20	T	T	0.12	1.47	0.75	0.28	0.41	1.77	4.80	T	0.00	T	0.51	0.04	10.15
QUAIL VALLEY	9.80	T	0.00	0.25	0.39	1.66	0.75	0.04	0.24	1.86	4.69	0.02	0.00	0.12	0.00	0.05	9.72
RYAN FIELD	8.36	0.12	T	0.07	0.04	1.49	0.59	0.19	0.30	1.59	3.82	0.05	T	0.11	0.00	0.15	8.53
SAN JACINTO	9.64	0.03	0.01	0.20	0.11	1.73	0.63	0.37	0.61	2.19	3.84	0.04	0.01	0.58	0.77	0.30	11.08
SAN JACINTO ST DIV FO	9.90	T	0.02	0.19	0.09	1.71	0.80	0.42	0.65	1.65	4.52	0.04	0.01	0.60	0.00	0.01	10.30
SUNNYMEAD	9.65	0.03	0.21	0.28	0.19	1.33	1.04	0.47	0.31	1.38	4.59	T	0.02	0.37	0.34	0.26	10.30

*-PARTIALLY ESTIMATED T-TRACE M-MISSING DATA

TABLE A-4
PRECIPITATION AT SOUTHERN CALIFORNIA STATIONS
SAN DIEGO DRAINAGE PROVINCE (Z)

STATION NAME	TOTAL JULY 1 TO JUNE 30	PRECIPITATION IN INCHES															TOTAL OCT. 1 TO SEPT 30
		1964						1965									
		JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APRIL	MAY	JUNE	JULY	AUG	SEPT	
SAN JUAN HYDROLOGIC UNIT Z-01																	
CAPISTRANO BEACH	9.82	0.00	0.00	0.2[illegible]	0.13	1.07	1.02	0.53	0.42	0.65	5.68	0.00	0.07	0.03	0.00	0.20	9.80
EL TORO	11.77	0.00	0.00	0.00	0.08	1.49	1.87	0.30	0.56	0.76	6.71	0.00	0.00	0.00	0.00	0.17	11.94
LAGUNA BEACH	10.21	0.00	0.35	0.41	0.14	1.98	1.92	0.58	0.43	1.59	4.10	0.00	0.06	0.03	0.00	0.26	10.09
LAGUNA BEACH 0-99	10.12	0.00	0.00	0.46	0.17	1.62	1.72	0.53	0.40	0.83	4.95	0.00	0.04	0.05	0.00	0.15	9.86
SAN CLEMENTE POLICE	10.58	0.00	0.00	0.47	0.17	1.53	1.68	0.57	0.38	1.52	4.45	0.00	0.01	0.00	0.00	0.29	10.60
SAN JUAN CAPISTRANO	11.26	0.00	0.00	0.17	0.18	1.11	1.38	0.60	0.40	0.84	6.54	0.00	0.04	0.07	0.00	0.29	11.45
SAN JUAN CAPISTRANO S	11.86	0.00	0.00	0.21	0.16	1.32	1.58	0.65	0.39	0.80	6.72	0.00	0.03	0.00	0.00	0.23	11.88
SANTIAGO PEAK	*28.78	0.00	0.21	3.80	0.36	3.49	4.36	1.59	1.43	2.32	11.08	0.04	0.1*	0.58	0.18	0.85	*26.38
TRABUCO CANYON	13.96	0.00	0.00	0.56	0.11	1.47	2.13	0.95	0.57	1.81	6.17	0.00	0.19	0.27	0.00	0.00	13.67
SANTA MARGARITA HYDROLOGIC UNIT Z-02																	
ANZA	11.48	0.36	0.08	0.08	0.16	2.16	2.18	0.47	0.67	1.49	3.81	0.02	0.00	1.30	0.05	0.37	12.68
LAKE O NEILL	9.85	0.00	0.00	0.01	0.30	1.35	1.46	0.51	0.44	1.21	4.55	T	0.02	0.09	0.00	0.35	10.28
OCEANSIDE PENDLETON	9.49	0.00	0.00	0.00	0.32	1.34	0.78	0.57	1.13	1.51	3.77	0.00	0.07	0.13	0.01	0.16	9.79
PALOMAR MTN OBSERV	26.37	0.33	0.00	0.04	2.56	4.50	4.55	1.06	1.69	1.67	12.27	0.00	0.00	1.29	0.00	0.75	28.04
SAGE F C STA	11.63	0.03	0.00	0.20	0.15	1.99	1.07	0.35	0.73	1.22	5.43	0.22	0.24	1.60	0.30	0.72	14.02
TEMECULA F S	13.01	T	0.00	0.08	0.22	2.38	1.25	0.47	0.47	1.06	6.83	0.13	0.06	0.28	0.00	0.48	13.69
VAIL LAKE	3.60	0.00	0.00	0.00	0.00	1.00	1.20	0.00	0.40	0.30	0.70	0.00	0.00	0.40	0.00	0.70	4.70
SAN LUIS REY HYDROLOGIC UNIT Z-03																	
HENSHAW DAM	20.95	0.00	T	0.26	0.77	3.32	2.76	0.93	1.86	1.93	9.01	0.10	0.01	0.94	0.00	0.66	22.29
OCEANSIDE NO 4	13.27	0.00	0.00	0.11	0.36	1.94	1.50	0.88	1.34	2.33	4.62	0.08	0.11	0.21	0.00	0.49	13.86
RANCHITA	13.80	0.00	0.00	0.00	1.17	2.83	1.85	0.79	0.65	2.33	4.18	0.00	0.00	0.00	0.25	0.42	14.47
VALLEY CENTER 3 NE	13.82	0.00	0.00	0.36	0.38	1.88	1.48	0.64	0.75	1.13	7.02	0.12	0.06	0.43	0.00	1.08	14.97
WARNER SPRINGS	14.14	0.00	0.20	0.22	0.57	1.24	1.78	0.52	0.68	2.25	5.09	0.39	0.00	0.94	0.71	1.04	16.41
CARLSBAD HYDROLOGIC UNIT Z-04																	
ESCONDIDO	12.18	0.00	0.00	0.29	0.31	1.65	1.25	0.51	1.39	1.94	4.68	0.09	0.07	0.57	0.00	0.35	12.81
LAKE WOHLFORD	15.29	0.00	0.00	0.28	0.51	2.31	2.09	0.69	1.35	2.94	6.83	0.19	0.14	0.65	0.01	1.15	16.82
SCOTT RANCH	10.63	0.00	T	0.12	0.27	1.28	0.84	0.35	1.32	1.66	4.62	0.03	0.14	0.17	T	0.31	10.99
SAN DIEGUITO HYDROLOGIC UNIT Z-05																	
HODGES DAM	11.59	0.00	0.00	0.19	0.23	1.74	1.06	0.54	1.44	2.29	4.01	0.05	0.04	0.18	0.00	0.25	11.83
LOCKWOOD MESA	8.87	0.00	0.00	0.28	0.14	1.29	0.72	0.42	1.21	1.09	3.71	0.00	0.01	0.14	0.00	0.00	8.73
RAMONA SPAULDING	13.82	0.00	0.00	0.08	0.30	2.15	1.32	0.94	1.19	2.01	5.63	0.15	0.05	0.68	0.00	0.71	15.13
SAN DIEGUITO DAM	14.91	0.00	0.00	0.22	0.21	1.22	1.03	0.54	1.68	2.68	5.26	0.00	0.07	0.18	0.00	0.28	13.15
SUTHERLAND DAM	21.15	0.00	0.00	0.07	0.29	3.08	2.18	1.06	2.02	3.29	8.79	0.17	0.00	0.55	0.10	1.07	22.80
PENASQUITO HYDROLOGIC UNIT Z-06																	
MIRAMAR	9.88	0.00	0.00	0.10	0.17	1.85	0.98	0.46	1.88	1.73	4.63	0.03	0.05	0.16	0.00	0.00	9.94
POWAY VALLEY	9.25	0.00	0.00	0.36	0.17	1.56	0.81	0.55	1.24	0.99	4.80	0.01	0.06	0.11	0.00	0.23	9.53
SAN DIEGO HYDROLOGIC UNIT Z-07																	
ALPINE	15.78	0.00	0.00	0.02	0.35	2.50	2.34	0.68	1.73	1.42	6.77	0.04	0.08	0.08	0.00	0.60	16.44
CUYAMACA	25.71	0.00	0.30	0.30	0.99	3.77	5.33	1.64	3.97	1.79	8.51	0.01	0.00	1.15	0.22	1.08	27.86
EL CAPITAN DAM	13.90	0.00	0.32	T	0.22	2.39	1.68	0.88	1.74	2.11	4.99	0.02	0.04	0.13	T	0.61	14.62
GILLESPIE FIELD	9.60	0.00	0.00	0.00	0.12	1.59	1.15	0.44	1.10	0.91	4.44	0.00	0.00	0.07	0.00	0.33	10.00
JULIAN WYNOLA	22.03	0.04	0.00	0.02	0.45	3.50	3.04	1.31	2.41	1.74	9.28	0.20	0.04	0.48	0.48	1.30	24.23
LAKESIDE 2 ENE	M	M	M	M	0.18	2.26	1.41	0.78	1.34	0.63	5.97	M	0.05	0.15	M	0.67	M
MURRAY DAM	9.06	0.00	0.00	0.00	0.24	1.16	1.14	0.41	0.86	1.08	4.36	T	0.01	0.13	0.00	0.46	9.55
SAN VICENTE RES	12.82	0.02	T	0.28	0.22	1.93	1.23	0.69	1.74	1.97	4.94	0.00	0.02	0.12	0.00	0.63	13.27

*-PARTIALLY ESTIMATED T-TRACE M-MISSING DATA

TABLE A-4
PRECIPITATION AT SOUTHERN CALIFORNIA STATIONS
SAN DIEGO DRAINAGE PROVINCE (Z)

STATION NAME	TOTAL JULY 1 TO JUNE 30	PRECIPITATION IN INCHES														TOTAL OCT. 1 TO SEPT 30
		1964						1965								
		JULY	AUG	SEPT.	OCT	NOV	DEC	JAN	FEB	MAR	APRIL	MAY	JUNE	JULY	AUG	SEPT
CORONADO HYDROLOGIC UNIT Z-08																
CARRILLO NAT MON	7.60	0.00	0.02	0.09	0.07	0.89	1.14	0.33	0.68	1.25	3.07	0.00	0.06	0.04	0.00	0.13	7.66
CHOLLAS RESERVOIR	8.83	0.00	0.00	0.00	0.02	1.50	1.20	0.49	0.85	0.40	4.35	T	0.02	0.02	0.00	0.48	9.33
LA MESA	10.17	0.00	0.00	0.00	0.04	1.98	1.30	0.49	1.05	1.02	4.21	0.03	0.05	0.07	0.00	0.39	10.63
NATIONAL CITY	7.05	0.00	0.00	0.00	T	1.33	0.91	0.32	0.57	0.67	3.24	0.00	0.01	T	0.00	0.28	7.33
SAN DIEGO WB AP	8.50	0.00	0.00	0.00	0.02	1.01	1.17	0.40	0.52	1.79	3.58	0.00	0.01	0.02	0.00	0.29	8.81
SO SAN DIEGO	9.14	0.00	T	T	0.02	1.59	1.16	0.43	0.77	1.41	3.71	T	0.05	0.02	T	0.33	9.49
SWEETWATER HYDROLOGIC UNIT Z-09																
BONITA	9.29	0.00	0.00	0.00	0.02	1.61	0.94	0.41	0.55	1.49	4.17	0.00	0.10	0.03	0.00	0.59	9.91
CHULA VISTA 2	7.71	0.00	0.00	0.00	T	1.70	0.17	0.36	0.59	0.57	4.15	0.04	0.13	0.13	0.00	0.27	8.11
DESCANSO R S	22.08	0.10	0.04	0.00	0.41	3.39	1.46	0.99	2.83	1.69	11.16	0.11	0.00	0.33	0.00	1.24	23.61
LAKE LOVELAND	14.68	0.10	0.00	0.00	0.18	2.10	2.20	0.67	1.49	0.86	7.10	0.01	0.07	0.04	0.00	0.64	15.36
SWEETWATER DAM	9.25	0.00	0.01	0.00	0.02	1.49	1.38	0.50	0.64	0.76	4.28	0.04	0.13	0.03	0.00	0.48	9.75
OTAY HYDROLOGIC UNIT Z-10																
CHULA VISTA	8.45	0.00	0.00	0.00	0.00	1.62	0.98	0.42	0.50	1.04	3.84	0.00	0.05	0.02	0.00	0.18	8.65
TIA JUANA HYDROLOGIC UNIT Z-11																
BARRETT DAM	14.60	0.00	0.00	0.00	0.22	2.29	2.31	0.61	1.92	0.66	6.59	T	0.00	0.09	0.13	0.38	15.20
CAMPO	14.28	0.00	0.03	0.07	0.39	1.88	1.83	0.80	2.00	1.20	6.03	0.05	0.00	0.36	0.13	0.37	15.04
MORENA DAM	15.96	0.00	0.15	0.15	0.53	2.53	1.89	0.85	2.04	2.39	5.39	0.04	0.00	0.14	0.11	0.41	16.32

*-PARTIALLY ESTIMATED T-TRACE M-MISSING DATA

APPENDIX B

SURFACE WATER FLOW

Introduction

Runoff in Southern California streams is generally responsive to the amount and intensity of precipitation. The estimated natural runoff for selected stations representative of conditions in Southern California is presented in Table B-1, together with a comparison with the mean for the 50-year period, 1910-11 through 1959-60. Estimated or measured maximum and minimum flows for each station during the period of record are also given.

Historical estimated seasonal natural runoff at three selected stations and the accumulated deviation from the mean are charted on: Figure B-1 for Arroyo Seco near Pasadena; Figure B-2 for Santa Ysabel Creek at Sutherland Dam; and Figure B-3 for Big Rock Creek near Valyermo.

The extent of stream flow measurement activities during the 1965 water year by the Department of Water Resources in Southern California was limited to the operation and maintenance of stream-gaging stations in the vicinity of the State Water Project located on Castaic Creek, Elizabeth Lake Canyon Creek, and the West Fork of the Mojave River and its tributaries. The daily mean discharges at these stream-gaging stations are presented in Table B-2.

A historical record of net diversions of Colorado River water to California from the 1934-35 water year through the 1964-65 water year is shown graphically on Figure B-4. Figure B-5 presents historical importation of water to coastal Southern California.

The amount of water in storage on the first day of each month of the 1964 water year in selected reservoirs in or supplying water to Southern California is presented in Table B-3.

The reporting period for surface water flow data is the water year.

Measurement Techniques

Definitions

The definitions of terms used in this appendix are as follows:

Mean is the value obtained by dividing the sum of a series of values by the number of values in the series.

Water year is a consecutive 12-month period of time ending with September 30.

Season (seasonal) refers to the accumulation of data for some specific phenomenon over a period of 12 consecutive months.

Natural runoff is that water which actually flows past a specified point on a stream from a drainage area that has had no effects from stream diversion, storage, import, export, return flow, or change in consumptive use caused by man-controlled modifications to land use, or it is that calculated value of the water which would have flowed past a specified point on a stream if its upstream drainage area had not experienced any of those effects.

Consumptive use is the transpiration, evaporation, and use of water in promoting vegetative growth plus the evaporation of water from adjacent soil, water surfaces, and foliage. It also refers to water similarly consumed or evaporated by urban and nonvegetative types of land use.

Cubic foot per second is the unit rate of discharge of water. It is a cubic foot of water passing a given point in one second.

Acre-foot is the quantity of water required to cover one acre to a depth of one foot. It is equivalent to 43,560 cubic feet or 325,850 gallons.

Methods and Procedures

The streamflow data reported in the daily discharge tables are derived through the use of mechanical, arithmetical, and empirical methods. For each stream-gaging station, a stage-discharge relationship, or rating curve, has been developed. The curve gives the flow in cubic feet per second for each gage height at the station. The gage height is usually measured by an automatic water stage recorder.

Accuracy

The data presented are affected by inaccuracies in the procedures and equipment. The following is a listing of significant figures used to establish limits of precision for reporting the streamflow data:

1. Daily flows -- cubic feet per second
   - 0.0 - 9.9 -- tenths
   - 10 - 99 -- two significant figures
   - 100 - up -- three significant figures
2. Means -- cubic feet per second
   - 0.0 - 99.9 -- tenths
   - 100 - 999 -- three significant figures
   - 1,000 - above -- four significant figures

The water year totals are reported to a maximum of four significant figures.

Coding

Stream-gaging stations are identified by name and number. Station numbers used in this report are composed of seven characters. The first character is a letter designating the drainage province in which the station is located. The second and third characters are numbers designating the hydrologic unit. Plates 1 through 6 show the breakdown of drainage provinces and hydrologic units. The fourth character is a number designating the particular stream or reach of stream in that hydrologic unit, and the last three characters are numbers assigned to the particular stations. In previous reports, station numbers were based on hydrographic areas instead of hydrologic areas. A cross-reference of station numbers of the new system to the old system are shown below:

New Designation	Old Designation
U032330	32330
U032360	32360
W282200	V92200
W282250	V92250
W282300	V92300

DATA

SURFACE WATER FLOW

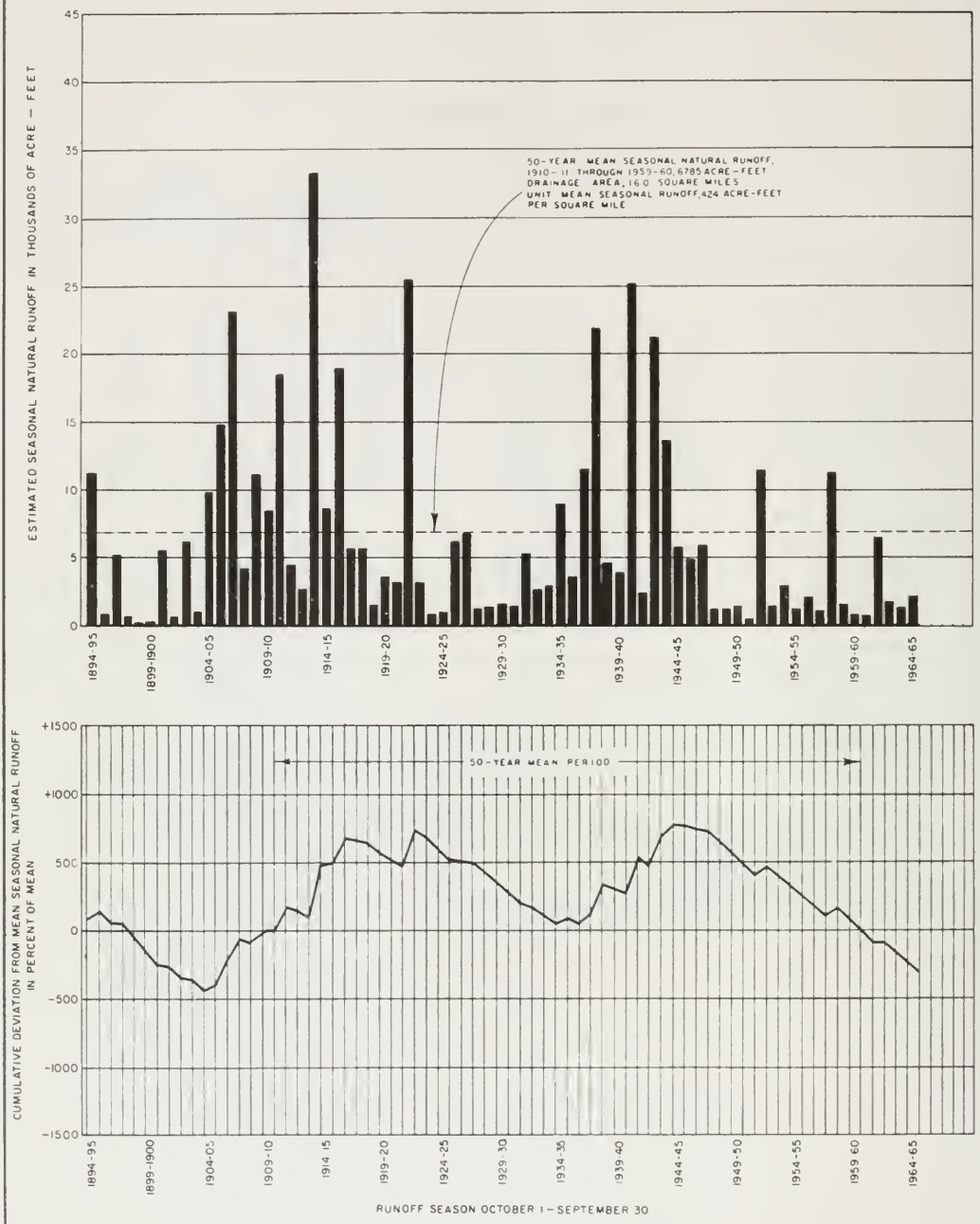
TABLE B-1

ESTIMATED 1964-65 SEASONAL NATURAL RUNOFF AT
SELECTED STATIONS IN SOUTHERN CALIFORNIA

In acre-feet

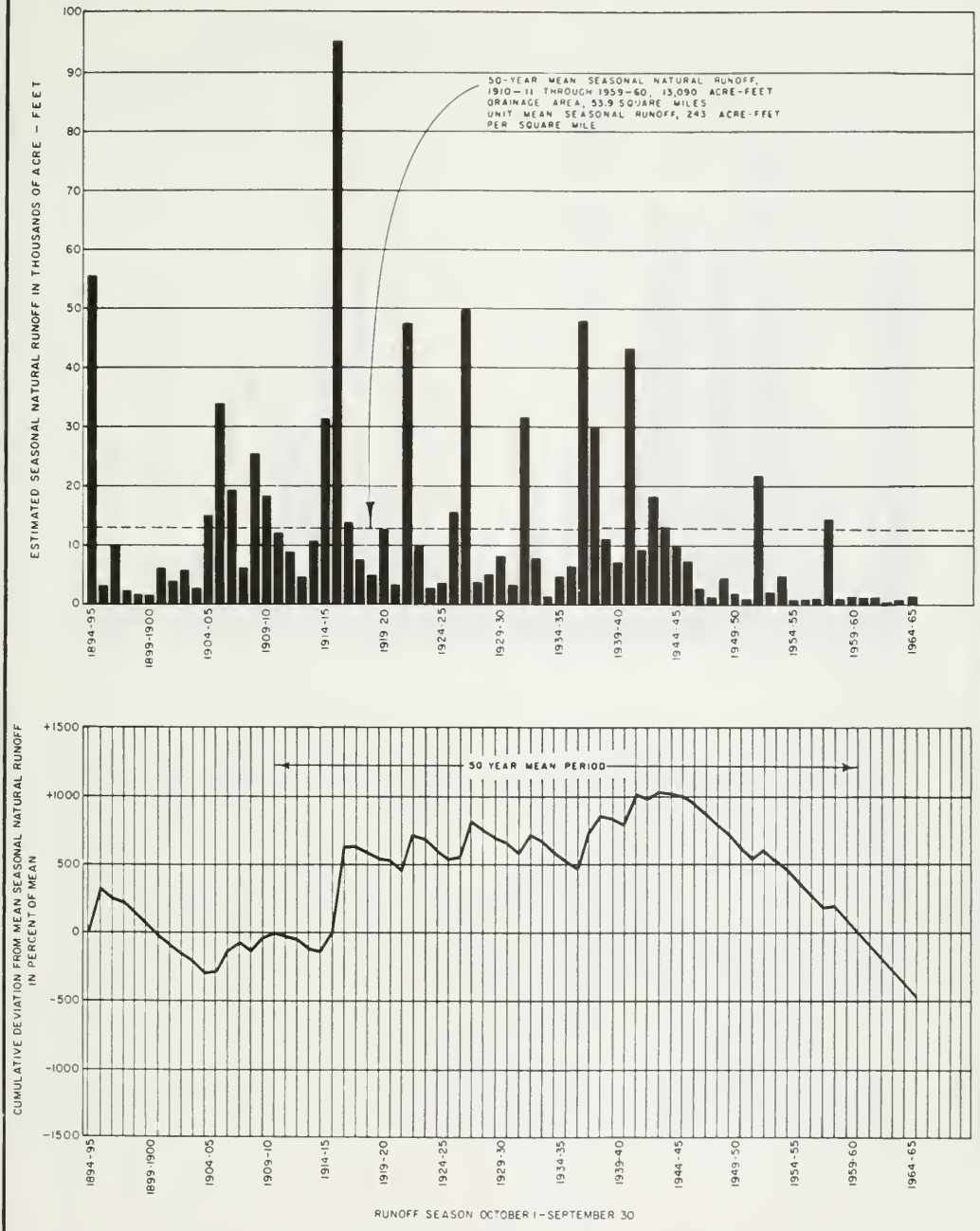
Station	Period of record	1964-65	50-year mean[a]	Percent of mean	Maximum[b]		Minimum[b]	
					Season	Quantity	Season	Quantity
Central Coastal Drainage Province								
Arroyo Grande at Arroyo Grande	1939 to date	5,640	15,910[c]	36	1906-07	76,200	1930-31	800
Los Angeles Drainage Province								
Sespe Creek near Fillmore	1911-13 1928 to date	26,382	82,420	32	1940-41	376,000	1950-51	3,520
Arroyo Seco near Pasadena	1910 to date	2,240	6,785	33	1913-14	33,000	1898-99	160
Santa Anita Creek near Sierra Madre	1916 to date	1,940	4,275[d]	45	1942-43	16,600	1898-99	210
San Gabriel River near Azusa	1894 to date	36,810	110,210	33	1921-22	410,000	1960-61	1,250
Lahontan Drainage Province								
Owens River below Long Valley	1916 to date	146,780	150,410	98	1906-07	292,000	1930-31	73,010
Big Rock Creek near Valyermo	1923-37 1938 to date	3,910	13,085	30	1921-22	39,000	1950 51	1,380
Deep Creek near Hesperia	1904-22 1929 to date	15,120	38,630[e]	39	1921-22	177,000[f]	1960-61	4,240[f]
Colorado River Basin Drainage Province								
Colorado River at Lee's Ferry	1911 to date	14,384,700	13,023,300[g]	110	1916-17	21,860,000[fg]	1933-34	4,377,000[fg]
Colorado River below Hoover Dam	1933 to date	7,917,000	11,730,000[fg]	67	1941-42	17,880,000[fg]	1933-34	5,058,000[fg]
Colorado River at Yuma	1878 to date	731,700	9,649,000[g]	8	1908-09	26,070,000[fg]	1960-61	707,270[fg]
Palm Canyon Creek near Palm Springs	1930-41 1947 to date	189	3,295[h]	6	1936-37	18,980[f]	1955-56	0.2[f]
Santa Ana Drainage Province								
Cucamonga Creek near Upland	1928 to date	1,940	5,540[e]	35	1921-22	20,900	1898-99	930
Santa Ana River near Mentone	1896 to date	20,570	61,050	34	1915-16	293,000	1898-99	16,500
San Diego Drainage Province								
Murrieta Creek at Temecula	1925 to date	411	7,150[e]	6	1915-16	60,300	1960-61	320
Santa Ysabel Creek at Sutherland Dam	1913 to date	1,170	13,090	9	1915-16	95,200	1960-61	130
Cottonwood Creek at Morena Dam	1936 to date	183	6,380[c]	3	1915-16	75,300	1960-61	70

a. Mean for period 1910-11 through 1959-60, except as noted.
b. Indicated maxima and minima are recorded or estimated values for period 1894-95 to date, except as noted.
c. Average for period 1940-41 through 1959-60.
d. Average for period 1920-21 through 1959-60.
e. Average for period 1930-31 through 1959-60.
f. Indicated maxima and minima are recorded or estimated values for the period of record.
g. Measured runoff, unadjusted for upstream development.
h. Average for period 1930-31 through 1940-41 and 1947-48 through 1959-60.



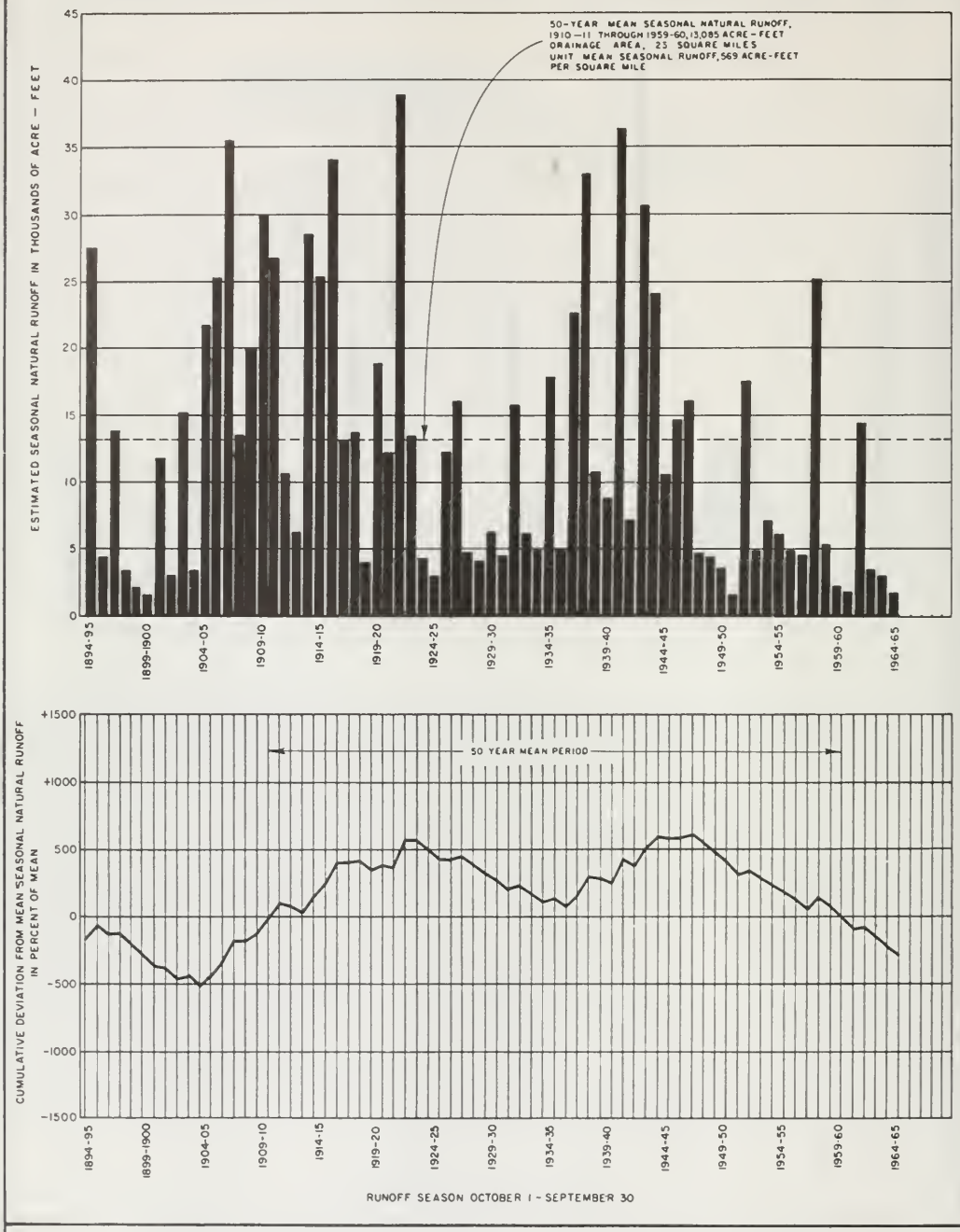
REPRESENTATIVE RUNOFF CHARACTERISTICS
ARROYO SECO NEAR PASADENA

DEPARTMENT OF WATER RESOURCES, SOUTHERN DISTRICT, 1967



REPRESENTATIVE RUNOFF CHARACTERISTICS
SANTA YSABEL CREEK AT SUTHERLAND DAM

DEPARTMENT OF WATER RESOURCES, SOUTHERN DISTRICT, 1967



REPRESENTATIVE RUNOFF CHARACTERISTICS
BIG ROCK CREEK NEAR VALYERMO

DEPARTMENT OF WATER RESOURSES, SOUTHERN DISTRICT, 1967

TABLE B-2

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO	STATION NAME
1965	8?8200	EST FORK OF THE MOJAVE RIVER BELOW CEDAR SPRINGS

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	0.0	0.0	0.0	0.2	0.5	0.1	118 *	37	0.1	0.5	0.1	0.0	1
2	0.0	0.0	0.0	0.2	3.2	0.1	177 *	35	0.1	0.5	0.0	0.0	2
3	0.0	0.0	0.0	0.1	3.1	0.1	157 *	22	0.2	0.5	0.0	0.0	3
4	0.0	0.0	0.0	0.1	0.6	0.1	72	20	0.2	0.5	0.0	0.0	4
5	0.0	0.0	0.0	0.0	0.5	0.1	60 *	19	0.1	0.6	0.0	0.0	5
6	0.0	0.0	0.0	0.0	0.4	0.1	42 *	18	0.4	0.6	0.0	0.0	6
7	0.0	0.0	0.3	12	0.4	0.1	44	23	0.3	0.6	0.0	0.0	7
8	0.0	0.0	0.2	1.4 *	0.4 *	0.1	179 *	33	0.4	0.6	0.0	0.0	8
9	0.0	0.0	0.0	0.0	0.4	0.1	258 *	39	0.4	0.6	0.0	0.0	9
10	0.0	0.0	0.3	0.1	0.3	0.1	227	47	0.3	0.6	0.0	0.0	10
11	0.0	0.0	0.0	0.3 *	0.2	0.1	91	49	0.2	0.6	0.0	0.0	11
12	0.0	0.0	0.0	0.2	0.2	0.1	70	37	0.2	0.5	0.0	0.0	12
13	0.0	0.0	0.0	0.2	0.2	0.1	62	17	0.2	0.6	0.0	0.0	13
14	0.0	0.0	0.0	0.2	0.2	0.1	71 *	11	0.3	0.6	0.0	0.0	14
15	0.0	0.0	0.0	0.2 *	0.2	0.1	77	15	0.4	0.6	0.0	0.0	15
16	0.0	0.0	0.3	0.1	0.2	0.1 *	85	13	0.4	0.6	0.0	0.0	16
17	0.0	0.0	0.0	0.2	0.1	0.1	89	9.8	0.4	0.7	0.0	0.0	17
18	0.0	0.0	0.0	0.2	0.1	0.1	84	7.4	0.3	0.7	0.0	0.0	18
19	0.0	0.0	0.0	0.2	0.1	0.1	78 *	5.5	0.3	0.7	0.0	0.0	19
20	0.0	0.0	0.0	0.2	0.1	0.1	70	3.8	0.4	0.7	0.0	0.0	20
21	0.0	0.0	0.0	0.2	0.1	0.1	64	2.6	0.4	0.8	0.0	0.0	21
22	0.0	0.0	0.0	0.1 *	0.1	0.1	58	1.5	0.4	0.8	0.0	0.0	22
23	0.0	0.0	0.0	0.1	0.1	0.1	55	1.0	0.4	0.8	0.0	0.0	23
24	0.0	0.0	0.0	0.2	0.1	0.1	57	0.8	0.4	0.8	0.0	0.0	24
25	0.0	0.0	0.0	2.8	0.1	0.1	60	0.4	0.4	0.8	0.0	0.0	25
26	0.0	0.0	0.0	4.6	0.1	0.1	58	0.2	0.4	0.8	0.0	0.0	26
27	0.0	0.3	4.4	6.5	0.1	0.1	55	0.1	0.5	0.8	0.0	0.0	27
28	0.0	0.0	24 *	5.9	0.1	0.1	52	0.4	0.5	0.8	0.0	0.0	28
29	0.0	0.0	3.2	4.3		0.1	50	0.4	0.5	1.0	0.0	0.0	29
30	0.0	0.0	1.1	0.7		0.2	50	0.5	0.5	1.0	0.0	0.0	30
31	0.0		0.3	0.4		1.4		0.3		1.0	0.0		31
MEAN	0.0	0.0	1.1	1.3	0.4	0.1	89.0	15.2	0.3	0.7	0.0	0.0	MEAN
MAX	0.0	0.0	24.7	12.0	3.2	1.4	258	49.0	0.5	1.0	0.1	0.0	MAX
MIN	0.0	0.0	0.0	0.0	0.1	0.1	42.0	0.1	0.1	0.5	0.0	0.0	MIN
AC FT			65	81	24	9	5296	932	20	42			AC FT

E — ESTIMATED
NR — NO RECORD
* — DISCHARGE MEASUREMENT OR OBSERVATION OF FLOW MADE THIS DAY
= — E AND B

MEAN DISCHARGE	MAXIMUM DISCHARGE	MAXIMUM GAGE HT	MAXIMUM MO	MAXIMUM DAY	MAXIMUM TIME	MINIMUM DISCHARGE	MINIMUM GAGE HT	MINIMUM MO	MINIMUM DAY	MINIMUM TIME	TOTAL ACRE FEET
8.9	772	5.98	4	9	2100	0.0		10	1	0000	6470

LOCATION			MAXIMUM DISCHARGE OF RECORD			PERIOD OF RECORD		DATUM OF GAGE			
LATITUDE	LONGITUDE	1/4 SEC. T & R S.B.B.&M	CFS	GAGE HT	DATE	DISCHARGE	GAGE HEIGHT ONLY	PERIOD FROM	PERIOD TO	ZERO ON GAGE	REF DATUM
34° 18.4'	117° 18.4'	NE32 3N 4W	2750	5.90	2/12/62	Jan 61-Date	Jan 61-Date	1/61 2/62	1/62	2.80 3.40	U.S.G.S. U.S.G.S.

Station is located 2 miles NE of Cedar Springs on left bank of West Fork of Mojave River at State Highway 118 Crossing.

Irrainage area is 34.5 square miles.

TABLE B-2

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO	STATION NAME
1965	[illegible]2225[illegible]	E.F. OF WEST FORK OF THE MOJAVE RIVER ABOVE CEDAR SPRINGS

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	[illegible]	[illegible]	0.5	1.7	1.7	1.2	32	9.6	2.6	0.8	0.1	0.0	1
2	[illegible]	[illegible]	[illegible]	2.0	1.6	1.1	46 *	8.8	2.5	0.7	0.0	0.0	2
3	[illegible]	[illegible]	[illegible]	2.3	1.6	1.0	40 *	8.3	2.3	0.6	0.0	0.0	3
4	[illegible]	[illegible]	0.3	2.1	1.4	1.5	24	7.3	2.2	0.5	0.0	0.0	4
5	[illegible]	[illegible]	0.3	2.1	1.4	0.9	20 *	6.2	2.1	0.6	0.0	0.0	5
6	[illegible]	[illegible]	0.3	2.0	2.5	1.0	17	5.9	2.1	0.5	0.0	0.2	6
7	[illegible]	[illegible]	0.3	5.7	2.3	1.0	15 *	4.9	2.2	0.5	0.0	0.2	7
8	[illegible]	[illegible]	0.3	3.0	2.1	1.0	39 *	4.4	2.3	0.4	0.0	0.1	8
9	[illegible]	[illegible]	0.3	3.0	2.2	0.9	81 *	4.1	1.9	0.4	0.0	0.1	9
10	[illegible]	[illegible]	0.4	3.0	1.9	0.9	47	4.0	1.7	0.3	0.0	0.0	10
11	[illegible]	[illegible]	0.7	2.6	1.9	1.1	52	4.1	1.6	0.3	0.0	0.0	11
12	[illegible]	[illegible]	0.6	1.8	1.7	1.6	29	3.7	1.7	0.3	0.1	0.0	12
12	[illegible]	[illegible]	0.5	2.7	1.8	2.3	20	3.8	1.6	0.2	0.0	0.0	12
14	[illegible]	[illegible]	0.5	2.6	1.8	1.6	21	3.6	1.5	0.2	0.0	0.0	14
15	[illegible]	[illegible]	0.4	2.3	2.0	1.3	25 *	3.5	1.5	0.2	0.0	0.0	15
16	[illegible]	[illegible]	0.6	[illegible]	1.8	1.1	29	3.2	1.6	0.2	0.0	0.0	16
17	[illegible]	[illegible]	0.6	[illegible]	1.8	1.2	37	3.8	1.5	0.1	0.0	0.1	17
18	[illegible]	[illegible]	0.6	1.8	1.6	1.1	36	3.1	1.4	0.1	0.0	0.2	18
19	[illegible]	[illegible]	0.7	1.9	1.6	1.2	35	2.6	1.4	0.1	0.0	0.3	19
20	[illegible]	[illegible]	1.0	1.9	1.6	1.1	33	2.6	1.1	0.1	0.0	0.2	20
21	[illegible]	[illegible]	1.0	2.0	1.4	1.3	29	2.1	1.1	0.1	0.0	0.1	21
22	[illegible]	[illegible]	0.8	2.1	1.4	1.3	26	2.0	1.1	0.1	0.0	0.0	22
23	[illegible]	[illegible]	0.9	1.8	1.4	1.3	21	2.2	1.1	0.1	0.0	0.0	23
24	[illegible]	[illegible]	0.8	3.1	1.4	1.3	19	2.1	1.1	0.1	0.0	0.0	24
25	[illegible]	[illegible]	0.8	2.6	1.6	1.6	18	2.7	1.3	0.1	0.0	0.0	25
26	[illegible]	[illegible]	0.9	2.2	1.3	1.4	17	2.6	1.4	0.1	0.0	0.0	26
27	[illegible]	[illegible]	5.5	2.1	1.3	1.4	15	2.4	1.2	0.1	0.0	0.0	27
28	[illegible]	[illegible]	10	2.1	1.3	1.7	13	2.2	1.3	0.2	0.0	0.0	28
29	[illegible]	[illegible]	4.9	2.0	[illegible]	1.3	12	2.1	0.9	0.3	0.0	0.1	29
30	[illegible]	[illegible]	2.6	2.0	[illegible]	1.3	11	2.5	0.9	0.2	0.0	0.1	30
31	[illegible]	[illegible]	2.0 *	1.9	[illegible]	12	[illegible]	2.6	[illegible]	0.1	0.0	[illegible]	31
MEAN	[illegible]	[illegible]	1.3	[illegible]	1.7	1.5	29.3	4.1	1.6	0.3	0.0	0.1	MEAN
MAX.	0.0	0.9	10.0	5.7	2.5	12.0	81.0	9.6	2.5	0.8	0.1	0.3	MAX.
MIN	[illegible]	[illegible]	[illegible]	1.7	1.2	[illegible]	11.0	2.1	[illegible]	0.1	0.0	0.0	MIN
AC. FT.		17	78	146	92	97	1741	252	95	16		3	AC. FT.

E — ESTIMATED
NR — NO RECORD
* — DISCHARGE MEASUREMENT OR OBSERVATION OF FLOW MADE THIS DAY
= — E AND B

MEAN DISCHARGE	MAXIMUM DISCHARGE	GAGE HT	MO	DAY	TIME	MINIMUM DISCHARGE	GAGE HT	MO	DAY	TIME	TOTAL ACRE FEET
3.5	486	4.85	3	31	1900	0.0		10	1	0000	2538

LOCATION			MAXIMUM DISCHARGE OF RECORD			PERIOD OF RECORD		DATUM OF GAGE			
LATITUDE	LONGITUDE	1/4 SEC T & R S.B.B.&M	CFS	GAGE HT	DATE	DISCHARGE	GAGE HEIGHT ONLY	PERIOD FROM	PERIOD TO	ZERO DM GAGE	REF DATUM
34° 16.3'	117° 17.5'	S=10 E=N 4W	486	4.85	3 31 65	Mar 61-Date	Mar 61-Date	1 61 11 61	10 [illegible] [illegible]31	1480	U.S.G.S. U.S.G.S

Station is located 2.2 miles east of Cedar Springs on the right bank of the East Fork of the West Fork of Mojave River.

Drainage area is 11.5 square miles.

TABLE B-2

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO	STATION NAME
1965	10929[illegible]	WEST FORK OF THE MOJAVE RIVER ABOVE CEDAR SPRINGS

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR	APR	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	0.0	0.0	0.0	0.1	0.3	0.2	15 *	2.5	1.1	0.3	0.1	0.0	1
2	0.0	0.0	0.0	0.1	0.3	0.2	75 *	2.5	1.1	0.3	0.1	0.0	2
3	0.0	0.0	0.0	0.1	0.2	0.2	24 *	2.4	1.0	0.3	0.1	0.0	3
4	0.0	0.0	0.0	0.3	0.2	0.2	13	2.3	0.9	0.3	0.1	0.0	4
5	0.0	0.0	0.0	0.4	0.2	0.2	9.1*	2.2	0.9	0.3	0.1	0.0	5
6	0.0	0.0	0.0	0.3	0.3	0.2	7.0	2.3	0.8	0.3	0.1	0.0	6
7	0.0	0.0	0.0	0.9	0.3	0.2	5.9*	2.2	0.8	0.2	0.0	0.0	7
8	0.0	0.0	0.0	0.7	0.3	0.2	28 *	2.2	0.8	0.2	0.0	0.0	8
9	0.0	0.0	0.0	0.6	0.3	0.2	26	2.2	0.8	0.2	0.0	0.0	9
10	0.0	0.0	0.0	0.5	0.3	0.2	20	2.2	0.8	0.2	0.0	0.0	10
11	0.0	0.1	0.0	0.4	0.3	0.3	33	2.1	0.8	0.1	0.0	0.0	11
12	0.0	0.1	0.0	0.4	0.3	0.3	9.8	1.9	0.7	0.1	0.0	0.0	12
12	0.0	0.2	0.0	0.4	0.3	0.4	9.2	1.6	0.7	0.1	0.0	0.0	13
14	0.0	0.1	0.0	0.4	0.3	0.3	10	1.4	0.7	0.1	0.0	0.0	14
15	0.0	0.1	0.0	0.3	0.3	0.3	12	1.1	0.7	0.1	0.0	0.0	15
16	0.0	0.1	0.0	0.3	0.3	0.3	12	1.0	0.7	0.1	0.0	0.0	16
17	0.0	0.2	0.0	0.3	0.3	0.3	12	0.9	0.6	0.1	0.0	0.0	17
18	0.0	0.0	0.0	0.3	0.3	0.3	10	0.8	0.6	0.1	0.0	0.0	18
19	0.0	0.0	0.0	0.3	0.3	0.3	8.3	0.8	0.5	0.1	0.0	0.0	19
20	0.0	0.0*	0.0	0.2	0.3	0.3	6.7	0.8	0.5	0.1	0.0	0.0	20
21	0.0	0.0	0.0	0.2	0.3	0.3	5.5	0.7	0.5	0.1	0.0	0.0	21
22	0.0	0.1	0.0	0.2	0.3	0.3	5.1	0.7	0.4	0.1	0.0	0.0	22
22	0.0	0.0*	0.0	0.2	0.2	0.2	4.7	0.7	0.4	0.1	0.0	0.0	23
24	0.0	0.1*	0.0	0.3	0.2	0.2	4.4	0.7	0.4	0.1	0.0	0.0	24
25	0.0	0.1*	0.0	0.3	0.2	0.2	3.8	0.7	0.4	0.1	0.0	0.0	25
26	0.0	0.1	0.1	0.2	0.2	0.2	3.5	0.6	0.5	0.1	0.0	0.0	26
27	0.0	0.1*	0.4	0.2	0.2	0.2	3.3	0.6	0.4	0.1	0.0	0.0	27
28	0.0	0.1	0.6*	0.2	0.2	0.2	3.1	1.3	0.4	0.1	0.0	0.0	28
29	0.0	0.0	0.2	0.4		0.2	2.8	1.2	0.4	0.1	0.0	0.0	29
30	0.0*	0.0	0.1	0.3		0.2	2.6	1.1	0.4	0.1	0.0	0.0	30
21	0.0		0.1	0.3		0.5		1.1		0.1	0.0		31
MEAN	0.0	0.1	0.0	0.3	0.3	0.3	10.5	1.4	0.7	0.2	0.0	0.0	MEAN
MAX	0.0	0.2	0.6	0.9	0.3	0.5	28.0	2.5	1.1	0.3	0.1	0.0	MAX.
MIN.	0.0	0.0	0.0	0.1	0.2	0.2	2.6	0.6	0.4	0.1	0.0	0.0	MIN.
AC FT		3	3	20	15	15	624	88	39	9	1		AC FT

E — ESTIMATED
NR — NO RECORD
* — DISCHARGE MEASUREMENT OR OBSERVATION OF FLOW MADE THIS DAY
= — E AND R

MEAN DISCHARGE	MAXIMUM DISCHARGE	MAXIMUM GAGE HT	MAXIMUM MO	MAXIMUM DAY	MAXIMUM TIME	MINIMUM DISCHARGE	MINIMUM GAGE HT	MINIMUM MO	MINIMUM DAY	MINIMUM TIME	TOTAL ACRE FEET
1.1	76.0	4.99	4	8	1300	0.0		10	1	0000	819

LOCATION			MAXIMUM DISCHARGE OF RECORD			PERIOD OF RECORD		DATUM OF GAGE			
LATITUDE	LONGITUDE	1/4 SEC. T. & R. S.B.B.&M.	CFS	GAGE HT	DATE	DISCHARGE	GAGE HEIGHT ONLY	PERIOD FROM	PERIOD TO	ZERO ON GAGE	REF DATUM
34° 17.1'	117° 22.5'	SW2 2N 5W	337	5.55	2/12/62	Feb 61-Date	Feb 61-Date	2/61		3.21	U.S.G.S.

Station is located 2.6 miles west of Cedar Springs on the left bank of the West Fork of Mojave River.

Drainage area is 3.2 square miles.

TABLE B-2

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1965	U032330	ELTZABETH LAKE CANYON CREEK ABOVE CASTAIC

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	0.0	0.0	0.0	0.0	0.1	0.1	2.1*	1.1	0.1	0.0	0.0	0.0	1
2	0.0	0.0	0.0	0.0	0.1	0.1	7.8	1.1	0.1	0.0	0.0	0.0	2
3	0.0	0.0	0.0	0.0	0.1	0.1	9.5*	1.1	0.1	0.0	0.0	0.0	3
4	0.0	0.0	0.0	0.0	0.1	0.2	20 *	1.1	0.1	0.0	0.0	0.0	4
5	0.0	0.0	0.0	0.0	0.2	0.2	19	1.1	0.1	0.0	0.0	0.0	5
6	0.0	0.0	0.0	0.0	0.2	0.2	12	1.1	0.1	0.0	0.0	0.0	6
7	0.0	0.0	0.0	0.0	0.2	0.2	7.0	1.0	0.1	0.0	0.0	0.0	7
8	0.0	0.0	0.0	0.0	0.2	0.2	20 *	1.0	0.1	0.0	0.0	0.0	8
9	0.0	0.0	0.0	0.0	0.2	0.2	74 *	1.0	0.1	0.0	0.0	0.0	9
10	0.0	0.0	0.0	0.0	0.3	0.2	69 *	0.9	0.1	0.0	0.0	0.0	10
11	0.0	0.0	0.0	0.0	0.2	0.2	33	0.9	0.0	0.0	0.0	0.0	11
12	0.0	0.0	0.0	0.0	0.2	0.2	24	0.9	0.1	0.0	0.0	0.0	12
13	0.0	0.0	0.0	0.0	0.2	0.2	19	0.9	0.1	0.0	0.0	0.0	13
14	0.0	0.0	0.0	0.0	0.2	0.2	16	0.8	0.1	0.0	0.0	0.0	14
15	0.0	0.0	0.0	0.0	0.2	0.2	14	0.7	0.1	0.0	0.0	0.0	15
16	0.0	0.0	0.0	0.0	0.2	0.2*	12	0.6	0.1	0.0	0.0	0.0	16
17	0.0	0.0	0.0	0.0	0.2	0.2	9.8	0.4	0.1	0.0	0.0	0.0	17
18	0.0	0.0	0.0	0.0	0.2	0.2	8.5	0.3	0.0	0.0	0.0	0.0	18
19	0.0	0.0	0.0	0.1	0.2	0.1	7.5	0.2	0.0	0.0	0.0	0.0	19
20	0.0	0.0	0.0	0.1	0.1	0.1	6.4	0.2	0.0	0.0	0.0	0.0	20
21	0.0	0.0	0.0	0.1	0.1	0.1	6.0	0.1	0.0	0.0	0.0	0.0	21
22	0.0	0.0	0.0	0.1	0.1	0.1	5.6	0.1	0.0	0.0	0.0	0.0	22
23	0.0	0.0	0.0	0.2	0.1	0.1	4.9	0.1	0.0	0.0	0.0	0.0	23
24	0.0	0.0	0.0	0.1	0.1*	0.1	3.9	0.1	0.0	0.0	0.0	0.0	24
25	0.0	0.0	0.0	0.1	0.1	0.1	3.4	0.2	0.1	0.0	0.0	0.0	25
26	0.0	0.0	0.0	0.1	0.1	0.1	2.8	0.1	0.0	0.0	0.0	0.0	26
27	0.0	0.0	0.0	0.1	0.1	0.1	2.3	0.1	0.0	0.0	0.0	0.0	27
28	0.0	0.0	0.0	0.1	0.1	0.1	1.7	0.1	0.0	0.0	0.0	0.0	28
29	0.0	0.0	0.0	0.1		0.1	1.4	0.1	0.0	0.0	0.0	0.0	29
30	0.0	0.0	0.0	0.1		0.1	1.2	0.1	0.0	0.0	0.0	0.0	30
31	0.0		0.0	0.1		0.2		0.1		0.0	0.0		31
MEAN	0.0	0.0	0.0	0.0	0.2	0.2	14.1	0.6	0.1	0.0	0.0	0.0	MEAN
MAX.	0.0	0.0	0.0	0.2	0.3	0.2	74.0	1.1	0.1	0.0	0.0	0.0	MAX.
MIN.	0.0	0.0	0.0	0.0	0.1	0.1	1.2	0.1	0.0	0.0	0.0	0.0	MIN.
AC. FT				3	9	9	841	35	3				AC. FT

E — ESTIMATED
NR — NO RECORD
* — DISCHARGE MEASUREMENT OR OBSERVATION OF FLOW MADE THIS DAY
= — E AND R

MEAN DISCHARGE	MAXIMUM DISCHARGE	MAXIMUM GAGE HT.	MAXIMUM MO	MAXIMUM DAY	MAXIMUM TIME	MINIMUM DISCHARGE	MINIMUM GAGE HT	MINIMUM MO	MINIMUM DAY	MINIMUM TIME	TOTAL ACRE FEET
1.2	201	3.68	4	9	1930	0.0		10	1	0000	900

LOCATION

LATITUDE	LONGITUDE	1/4 SEC. T & R S.B.B.&M.
34° 33.7'	118° 34.2'	SW34 6N 16W

MAXIMUM DISCHARGE OF RECORD

CFS	GAGE HT	DATE
1410	5.20	2/11/62

PERIOD OF RECORD

DISCHARGE	GAGE HEIGHT ONLY
Jan 62-Date	Jan 62-Date

DATUM OF GAGE

PERIOD FROM	PERIOD TO	ZERO ON GAGE	REF. DATUM
1/62	1/63	1.82	Local
2/63		2.15	Local

Station is located 3.9 miles north of intersection of Castaic Canyon Road and Elizabeth Lake Canyon Road on left bank of stream at Canyon Christian Camp.

Drainage area is 45.7 square miles.

TABLE B-2

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1965	10342360	CASTAIC CREEK ABOVE CORDOVA RANCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	0.0	0.0	0.0	0.0	0.0	0.0	3.7*	1.3	0.0	0.0	0.0	0.0	1
2	0.0	0.0	0.0	0.0	0.0	0.0	5.0*	1.3	0.0	0.0	0.0	0.0	2
3	0.0	0.0	0.0	0.0	0.0	0.0	19 *	1.3	0.0	0.0	0.0	0.0	3
4	0.0	0.0	0.0	0.0	0.0	0.0	20	1.2	0.0	0.0	0.0	0.0	4
5	0.0	0.0	0.0	0.0	0.0	0.0	3.3	1.1	0.0	0.0	0.0	0.0	5
6	0.0	0.0	0.0	0.0	0.0	0.0	0.4	1.0	0.0	0.0	0.0	0.0	6
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	7
8	0.0	0.0	0.0	0.0	0.0	0.0	21 *	1.1	0.0	NR	0.0	0.0	8
9	0.0	0.0	0.0	0.0	0.0	0.0	52 *	1.2	0.0	NR	0.0	0.0	9
10	0.0	0.0	0.0	0.0	0.0	0.0	69 *	0.7	0.0	NR	0.0	0.0	10
11	0.0	0.0	0.0	0.0	0.0	0.0	28 *	0.6	0.0	NR	0.0	0.0	11
12	0.0	0.0	0.0	0.0	0.0	0.0	23	0.6	0.0	NR	0.0	0.0	12
13	0.0	0.0	0.0	0.0	0.0	0.0	15 *	0.6	0.0	NR	0.0	0.0	13
14	0.0	0.0	0.0	0.0	0.0	0.0	9.2*	0.5	0.0	NR	0.0	0.0	14
15	0.0	0.0	0.0	0.0	0.0	0.0	9.5	0.4	0.0	NR	0.0	0.0	15
16	0.0	0.0	0.0	0.0	0.0	0.0	8.8*	0.3	0.0	NR	0.0	0.0	16
17	0.0	0.0	0.0	0.0	0.0	0.0	7.9	0.2	0.0	NR	0.0	0.0	17
18	0.0	0.0	0.0	0.0	0.0	0.0	6.2	0.2	0.0	NR	0.0	0.0	18
19	0.0	0.0	0.0	0.0	0.0	0.0	5.4*	0.2	0.0	0.0	0.0	0.0	19
20	0.0	0.0	2.3	0.0	0.0	0.0	5.0	0.1	0.0	0.0	0.0	0.0	20
21	0.0	0.0	0.2	0.0	0.0	0.0	4.5	0.1	0.0	0.0	0.0	0.0	21
22	0.0	0.0	0.0	0.0	0.0	0.0	3.9	0.1	0.0	0.0	0.0	0.0	22
23	0.0	0.0	0.0	0.0	0.0	0.0	3.6	0.1	0.0	0.0	0.0	0.0	23
24	0.0	0.0	0.0	0.0	0.0	0.0	3.4	0.1	0.0	0.0	0.0	0.0	24
25	0.0	0.0	0.0	0.0	0.0	0.0	3.1	0.1	0.0	0.0	0.0	0.0	25
26	0.1	0.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0	0.0	26
27	0.0	0.0	0.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0	0.0	0.0	27
28	0.0	0.0	0.0	0.0	0.0	0.0	2.1	0.0	0.0	0.0	0.0	0.0	28
29	0.0	0.0	0.0	0.0		0.0	1.7	0.0	0.0	0.0	0.0	0.0	29
30	0.0	0.0	0.0	0.0		0.0	1.5	0.0	0.0	0.0	0.0	0.0	30
31	0.0		0.0	0.0		0.0		0.0		0.0	0.0		31
MEAN	0.0	0.0	0.1	0.0	0.0	0.0	11.4	0.5	0.0	NR	0.0	0.0	MEAN
MAX	0.1	0.0	2.3	0.0	0.0	0.0	69.0	1.3	0.0	NR	0.0	0.0	MAX
MIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NR	0.0	0.0	MIN
AC FT			5				675	30		NR			AC FT

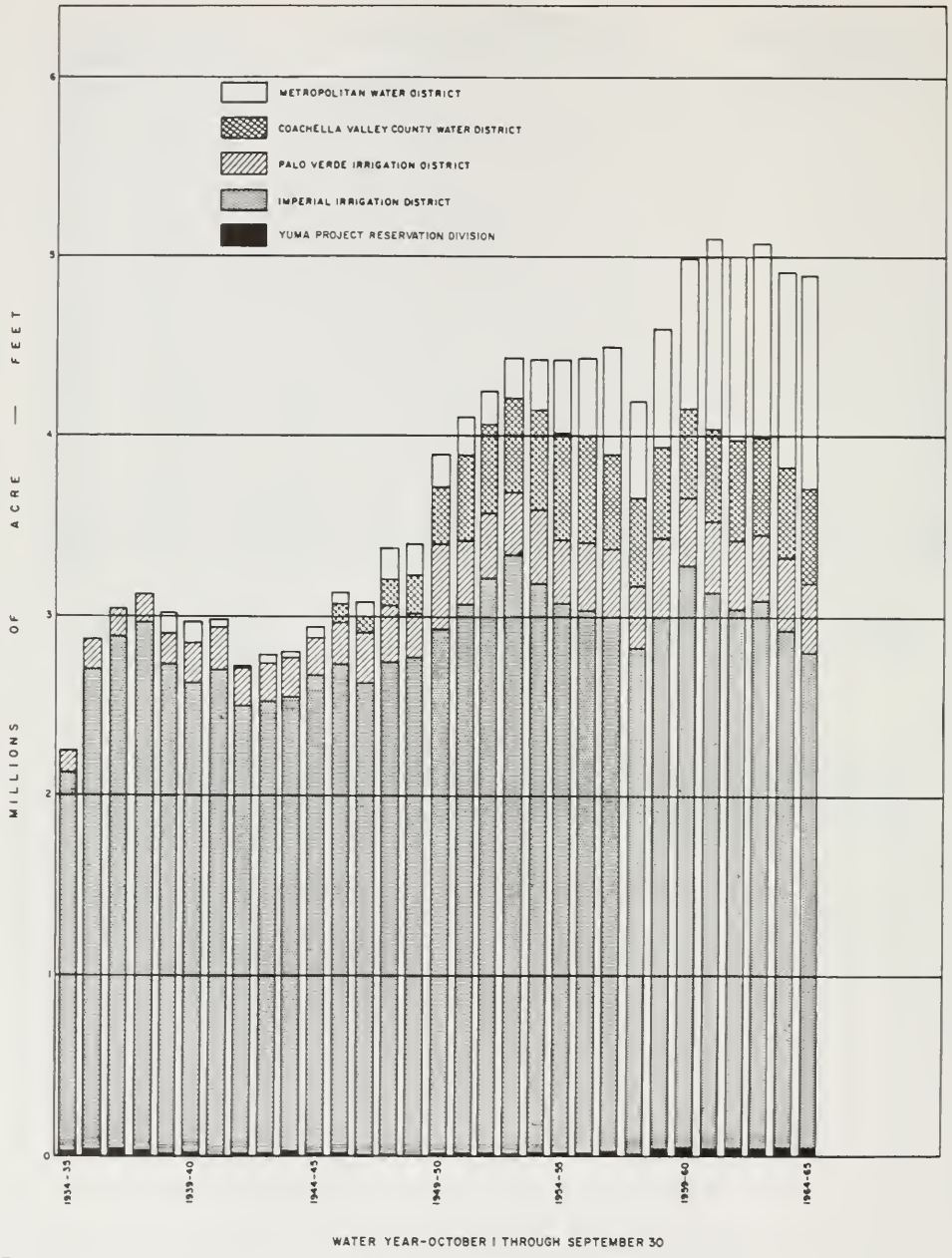
E — ESTIMATED
NR — NO RECORD
* — DISCHARGE MEASUREMENT OR OBSERVATION OF FLOW MADE THIS DAY.
= — E AND R

MEAN	MAXIMUM				MINIMUM				TOTAL
DISCHARGE	DISCHARGE	GAGE HT	MO.	DAY	TIME	DISCHARGE	GAGE HT	MO	DAY	TIME	ACRE FEET
NR	NR					NR					NR

LOCATION			MAXIMUM DISCHARGE OF RECORD			PERIOD OF RECORD		DATUM OF GAGE			
LATITUDE	LONGITUDE	1/4 SEC. T. & R. S.B.B.&M.	CFS	GAGE HT	DATE	DISCHARGE	GAGE HEIGHT ONLY	PERIOD FROM	PERIOD TO	ZERO ON GAGE	REF DATUM
34° 36.7	118° 39.8'	NE22 6N 17W	3790	5.35	2/11/62	Jan 62-Date	Jan 62-Date	1/62	2/62	2.10	Local
								3/62	2/63	1.53	Local
								2/63		2.23	Local

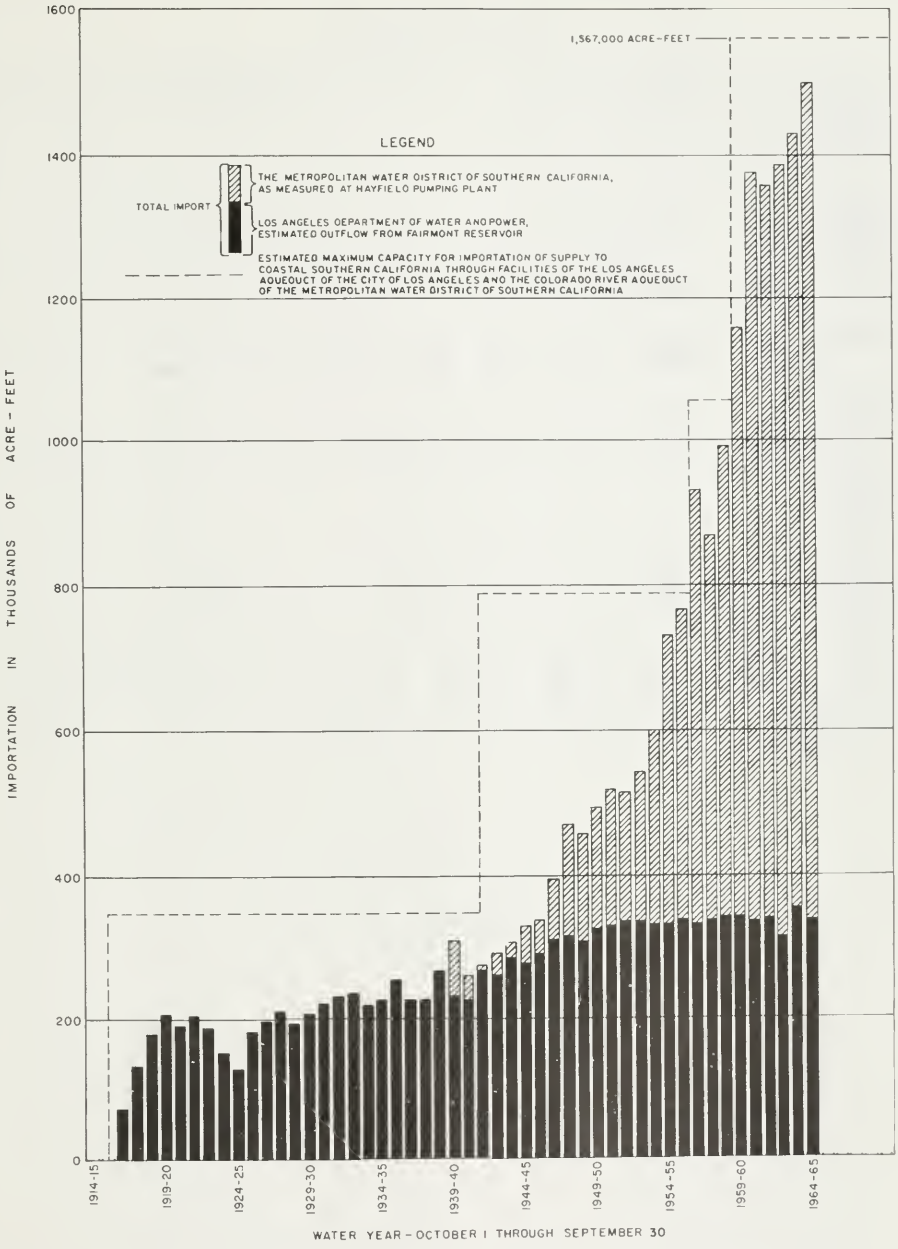
Station is located 6.7 miles west of Elizabeth Lake Canyon Road on Castaic Canyon Road on left bank.

Drainage area is 65.0 square miles.



NET DIVERSIONS OF WATER TO CALIFORNIA FROM THE COLORADO RIVER

DEPARTMENT OF WATER RESOURCES, SOUTHERN DISTRICT, 1967



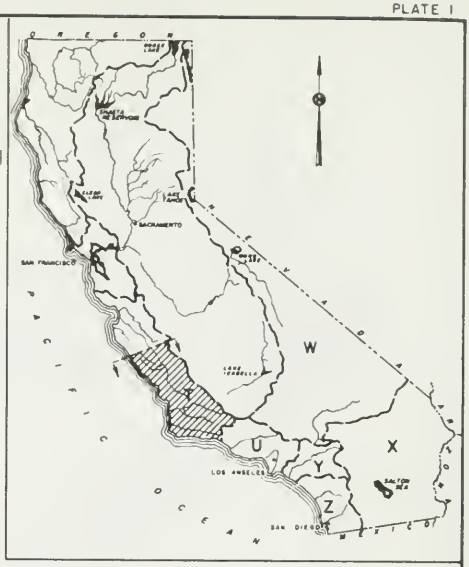
HISTORICAL IMPORTATIONS OF WATER TO COASTAL SOUTHERN CALIFORNIA

DEPARTMENT OF WATER RESOURCES, SOUTHERN DISTRICT, 1967

TABLE B-3
MONTHLY WATER CONTENT OF SELECTED SURFACE RESERVOIRS
IN OR SUPPLYING WATER TO SOUTHERN CALIFORNIA
OCTOBER 1, 1964 TO SEPTEMBER 30, 1965

Drainage province and stream	Reservoir	Active capacity, in acre-feet	Water in storage on first day of month, in acre-feet											
			October	November	December	January	February	March	April	May	June	July	August	September
Central Coastal														
Old Creek	Whale Rock	40,000	9,887	9,452	9,187	9,351	10,933	11,206	11,441	12,102	12,146	12,088	11,946	11,776
Santa Inez River	Gibraltar	14,777	6,361	5,957	5,850	6,530	6,850	6,854	6,839	13,805	13,543	13,122	12,144	11,188
	Cachuma	204,900	141,506	138,848	138,345	137,986	137,268	136,222	134,588	139,570	137,340	133,955	130,001	125,518
Santa Maria River	Twitchell	250,000	0	0	0	0	0	0	0	0	0	0	0	0
Los Angeles														
Coyote Creek	Casitas	248,000	40,411	39,384	39,008	40,373	40,312	40,182	42,742	47,619	46,769	45,896	44,598	43,012
Piru Creek	Lake Piru	100,000	6,353	6,074	5,823	5,997	6,041	6,196	6,252	8,353	7,283	7,125	6,803	6,501
Bouquet Creek	Bouquet Canyon	36,510	29,394	29,280	28,725	9,904	13,900	24,744	29,736	34,335	34,826	33,302	32,160	31,157
Lahontan														
Rush Creek	Grant Lake	47,530	31,540	29,571	28,380	29,664	30,972	31,920	32,303	33,558	33,947	43,003	46,001	48,514
Owens River	Lake Crowley	183,470	124,319	115,366	116,965	124,736	128,096	118,172	124,736	110,650	114,176	133,669	158,317	173,626
	Haiwee (South)	58,530	16,628	15,833	17,887	17,962	20,728	24,376	29,375	32,173	32,444	35,625	42,162	44,095
Colorado River Basin														
Colorado River	Lake Mead	27,207,000	11,623*	11,315*	11,215*	11,136*	11,289*	11,361*	11,151*	11,723*	13,209*	14,802*	14,660*	14,659*
	Lake Mojave	1,810,000	1,341*	1,417*	1,484*	1,580*	1,680*	1,683*	1,663*	1,713*	1,786*	1,721*	1,550*	1,420*
	Lake Havasu	619,000	544*	550*	544*	536*	543*	517*	535*	548*	597*	587*	579*	560*
Santa Ana														
Bear Creek	Bear Valley	72,170	2,631	2,423	2,512	2,781	3,079	3,258	3,410	7,579	8,404	7,785	7,269	6,784
San Jacinto River	Lake Hemet	13,400	976	746	777	955	1,064	1,210	1,328	2,172	2,337	2,368	2,265	2,100
	Railroad Canyon**	14,700	1,500	1,736	1,612	1,406	1,340	993	4,350	5,608	5,049	4,446	3,574	2,706
Cajalco Creek	Lake Mathews**	182,000	110,443	94,802	104,196	131,789	153,891	144,327	140,267	167,300	149,742	148,603	128,279	114,984
Santiago Creek	Santiago**	25,000	5,700	4,825	4,490	4,435	4,520	6,480	8,395	9,050	8,910	12,885	10,175	7,770
San Diego														
Temecula Creek	Vail	49,500	1,516	1,485	1,502	1,523	1,537	1,560	1,585	2,357	2,305	2,243	2,152	2,040
San Luis Rey River	Lake Henshaw	194,320	5,270	5,174	5,920	6,662	7,091	6,585	6,653	8,818	8,285	7,911	6,517	5,640
Santa Ysabel Creek	Sutherland	29,700	2,847	2,787	2,788	2,794	2,794	2,830	2,850	3,640	3,641	3,587	3,503	3,396
San Dieguito River	Lake Hodges**	33,550	2,592	2,573	3,065	2,652	2,286	2,440	1,910	1,667	1,523	1,419	1,258	1,189
San Vicente Creek	San Vicente Lake**	90,230	59,030	56,395	56,342	59,209	60,945	62,446	66,278	72,302	72,681	73,463	69,974	66,109
Boulder Creek	Otaymesa	11,600	0	0	0	31	33	90	90	1,135	0	0	0	0
Quail Canyon Creek	Lake Jennings**	10,500	4,090	4,100	4,080	4,629	4,640	4,607	4,717	4,750	4,728	4,762	4,640	4,193
San Diego River	El Capitan Lake**	112,800	8,821	8,650	8,624	8,640	9,021	10,741	11,584	14,213	15,304	15,096	14,863	14,591
Sweetwater River	Lake Loveland	25,250	1,372	1,357	1,357	1,366	1,368	1,371	1,372	2,134	2,135	2,113	2,066	2,012
	Sweetwater (Main)**	27,150	2,622	2,502	2,514	2,474	2,428	2,206	2,253	2,479	2,500	2,694	2,667	2,646
Otay River	Lower Otay Lake**	56,520	2,500	2,445	2,445	2,462	2,462	2,462	2,462	2,762	2,704	2,628	2,536	2,445
Cottonwood Creek	Morena	50,210	252	235	235	243	247	265	274	357	332	312	279	243
	Barrett	44,750	1,050	1,029	1,029	1,043	1,043	1,050	1,050	1,575	1,539	1,504	1,452	1,401

*In 1,000 acre-feet
**Includes imported Colorado River water



KEY MAP

LEGEND

- DRAINAGE PROVINCE BOUNDARY
- HYDROLOGIC UNIT BOUNDARY
- HYDROLOGIC SUBUNIT BOUNDARY
- HYDROLOGIC SUBAREA BOUNDARY
- 283 AREAL CODE NUMBER
- WATER BEARING SEDIMENTS

STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES
SOUTHERN DISTRICT

HYDROLOGIC DATA, 1965

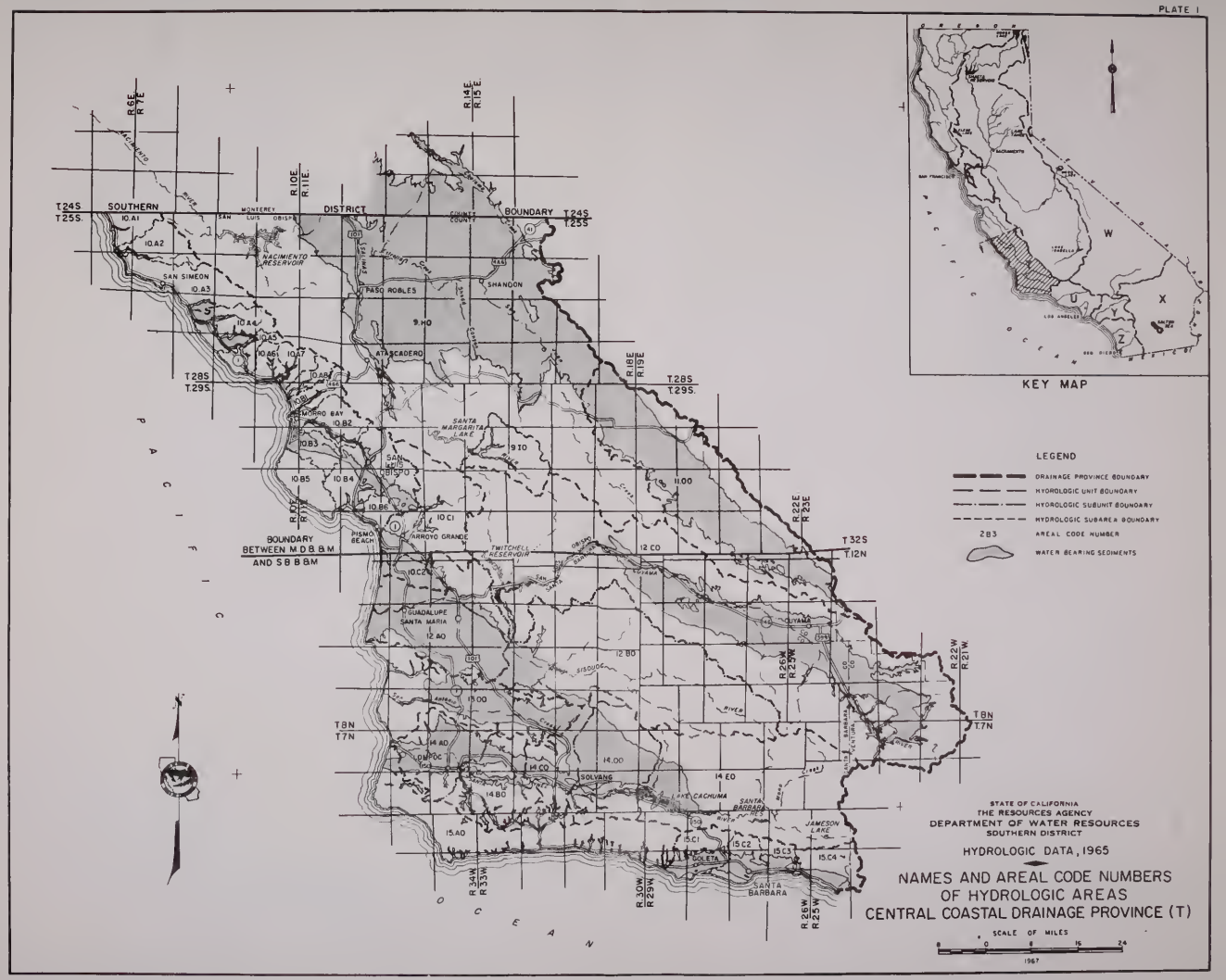
NAMES AND AREAL CODE NUMBERS OF HYDROLOGIC AREAS CENTRAL COASTAL DRAINAGE PROVINCE (T)

SCALE OF MILES

8 0 8 16 24

1967

PLATE 1



KEY MAP

LEGEND

- DRAINAGE PROVINCE BOUNDARY
- HYDROLOGIC UNIT BOUNDARY
- HYDROLOGIC SUBUNIT BOUNDARY
- HYDROLOGIC SUBAREA BOUNDARY
- 283 AREAL CODE NUMBER
- WATER BEARING SEDIMENTS

STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES
SOUTHERN DISTRICT

HYDROLOGIC DATA, 1965

NAMES AND AREAL CODE NUMBERS OF HYDROLOGIC AREAS CENTRAL COASTAL DRAINAGE PROVINCE (T)

SCALE OF MILES
0 6 15 24

1967

AREAL DESIGNATIONS
HYDROLOGIC UNITS, SUBUNITS AND SUBAREAS

CENTRAL COASTAL DRAINAGE PROVINCE

T-09-00 SALINAS HYDRO UNIT
T-09-MU PASO ROBLES HYDRO SUBUNIT
T-09-E0 ROJO HYDRO SUBUNIT

T-10-00 SAN LUIS OBISPO HYDRO UNIT
T-10-AU CAMBRIA HYDRO SUBUNIT
T-10-A1 SAN CARPOFORO HYDRO SUBAREA
T-10-A2 ARROYO DE LA CRUZ HYDRO SUBAREA
T-10-A3 SAN SIMEON HYDRO SUBAREA
T-10-A4 SANTA ROSA HYDRO SUBAREA
T-10-A5 VILLA HYDRO SUBAREA
T-1 -A6 CAYUCOS HYDRO SUBAREA
T-1 -A7 OLD HYDRO SUBAREA
T-1 -A8 TORO HYDRO SUBAREA
T-10-B0 SAN LUIS OBISPO HYDRO SUBUNIT
T-10-B1 MORRO HYDRO SUBAREA
T-10-B2 CHORRO HYDRO SUBAREA
T-10-B3 LOS OSOS HYDRO SUBAREA
T-10-B4 SAN LUIS OBISPO CK HYDRO SUBAREA
T-10-B5 POINT SAN LUIS HYDRO SUBAREA
T-10-B6 PISMO HYDRO SUBAREA
T-10-CU ARROYO GRANDE HYDRO SUBUNIT
T-10-C1 ARROYO GRANDE HYDRO SUBAREA
T-10-C2 NIPOMO MESA HYDRO SUBAREA

T-11-00 CARRIZO PLAIN HYDRO UNIT

T-12-00 SANTA MARIA-CUYAMA HYDRO UNIT
T-12-AU SANTA MARIA HYDRO SUBUNIT
T-12-B0 SISQUOC HYDRO SUBUNIT
T-12-CU CUYAMA VALLEY HYDRO SUBUNIT

T-13-00 SAN ANTONIO HYDRO UNIT

T-14-00 SANTA YNEZ HYDRO UNIT
T-14-AU LOMPOC HYDRO SUBUNIT
T-14-BU SANTA RITA HYDRO SUBUNIT
T-14-C0 BUELLTON HYDRO SUBUNIT
T-14-D0 SANTA YNEZ HYDRO SUBUNIT
T-14-E0 HEADWATER HYDRO SUBUNIT

T-15-00 SANTA BARBARA HYDRO UNIT
T-15-AU ARGUELLO HYDRO SUBUNIT
T-15-CU SOUTH COAST HYDRO SUBUNIT
T-15-C1 GOLETA HYDRO SUBAREA
T-15-C2 SANTA BARBARA HYDRO SUBAREA
T-15-C3 MONTECITO HYDRO SUBAREA
T-15-C4 CARPINTERIA HYDRO SUBAREA

T-16-00 SANTA BARBARA CH IS HYDRO UNIT
T-16-A0 SAN MIGUEL ISLAND HYDRO SUBUNIT
T-16-B0 SANTA ROSA ISLAND HYDRO SUBUNIT
T-16-C0 SANTA CRUZ ISLAND HYDRO SUBUNIT

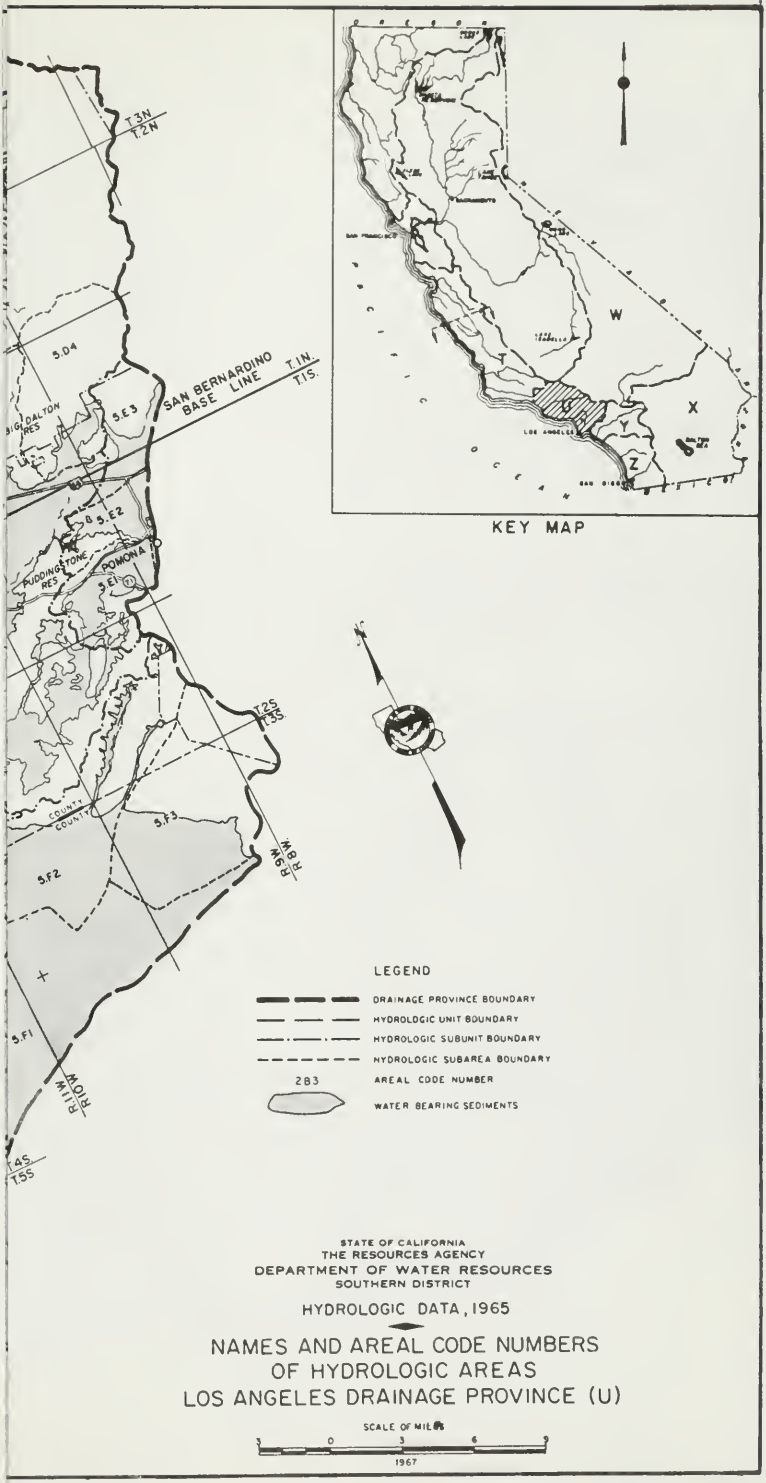

T.3N
T.2N
5.D4
SAN BERNARDINO BASE LINE
T.1N.
T.1S.
BIG DALTON RES
5.E3
5.E2
PUDDINGSTONE RES
POMONA
5.E1
T.2S.
T.3S.
R.8W.
R.9W.
COUNTY
COUNTY
5.F3
5.F2
5.F1
RIM
TRIM
T.4S.
T.5S.
W
X
Y
Z
KEY MAP
LEGEND
DRAINAGE PROVINCE BOUNDARY
HYDROLOGIC UNIT BOUNDARY
HYDROLOGIC SUBUNIT BOUNDARY
HYDROLOGIC SUBAREA BOUNDARY
283
AREAL CODE NUMBER
WATER BEARING SEDIMENTS
STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES
SOUTHERN DISTRICT
HYDROLOGIC DATA, 1965
NAMES AND AREAL CODE NUMBERS
OF HYDROLOGIC AREAS
LOS ANGELES DRAINAGE PROVINCE (U)
SCALE OF MILES
3 0 3 6 9
1967

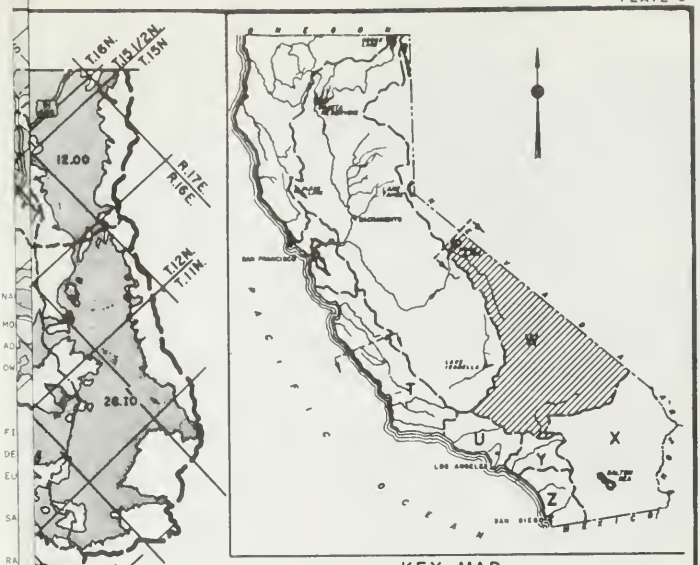
PLATE 2

STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES
SOUTHERN DISTRICT

HYDROLOGIC DATA, 1965

NAMES AND AREAL CODE NUMBERS OF HYDROLOGIC AREAS LOS ANGELES DRAINAGE PROVINCE (U)

SCALE OF MILES
0 1 2 3 4
1967



KEY MAP

LAHONTAN DRAINA

W-01.00 MO
W-02.00 AD
W-03.00 OW
W-03.A0
W-03.B0
W-03.C0
W-03.D0
W-04.00 FI
W-05.00 DE
W-06.00 EU
W-06.A0
W-06.B0
W-07.00 SA
W-07.A0
W-07.B0
W-08.00 RA
W-08.A0
W-08.B0
W-08.C0
W-08.D0
W-09.00 AM
W-09.A0
W-09.A1
W-09.A2
W-09.A3
W-09.B0
W-09.B1
W-09.B2
W-09.B3
W-09.B4
W-09.C0
W-09.C1
W-09.C2
W-09.D0
W-09.D1
W-09.D2
W-09.D3
W-09.D4
W-10.00 PA
W-11.00 ME
W-12.00 IV
W-13.00 OW
W-13.A0
W-13.B0
W-14.00 LE
W-15.00 NE
W-15.A0
W-15.B0
W-16.00 BI
W-17.00 GO
W-18.00 CO
W-19.00 SU
W-20.00 PA
W-20.A0
W-20.B0
W-20.B1
W-20.B2
W-20.C0
W-20.D0
W-20.D1
W-20.D2
W-20.D3
W-20.E0
W-20.F0
W-20.G0
W-20.H0

BETWEEN M.D.B.&M.

LEGEND

- DRAINAGE PROVINCE BOUNDARY
- HYDROLOGIC UNIT BOUNDARY
- HYDROLOGIC SUBUNIT BOUNDARY
- HYDROLOGIC SUBAREA BOUNDARY
- 283 AREAL CODE NUMBER
- WATER BEARING SEDIMENTS

STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES
SOUTHERN DISTRICT

HYDROLOGIC DATA, 1965

NAMES AND AREAL CODE NUMBERS OF HYDROLOGIC AREAS LAHONTAN DRAINAGE PROVINCE (W)

SCALE OF MILES
10 0 10 20 30

1967


MT. DIABLO BASE LINE
BOUNDARY BETWEEN M.D.B.&M. AND S.B.B.&M.
SAN ANDREAS FAULT ZONE
KEY MAP
LEGEND
DRAINAGE PROVINCE BOUNDARY
HYDROLOGIC UNIT BOUNDARY
HYDROLOGIC SUBUNIT BOUNDARY
HYDROLOGIC SUBAREA BOUNDARY
283 AREAL CODE NUMBER
WATER BEARING SEDIMENTS
STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES
SOUTHERN DISTRICT
HYDROLOGIC DATA, 1950
NAMES AND AREAL CODE NUMBERS
OF HYDROLOGIC AREAS
LAHONTAN DRAINAGE PROVINCE (W)
SCALE OF MILES
1947

KEY MAP

LEGEND

DRAINAGE PROVINCE BOUNDARY

HYDROLOGIC UNIT BOUNDARY

HYDROLOGIC SUBUNIT BOUNDARY

HYDROLOGIC SUBAREA BOUNDARY

283 AREAL CODE NUMBER

WATER BEARING SEDIMENTS

STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES
SOUTHERN DISTRICT

HYDROLOGIC DATA, 1965

NAMES AND AREAL CODE NUMBERS OF HYDROLOGIC AREAS ORADO RIVER BASIN DRAINAGE PROVINCE (X)

SCALE OF MILES

10 0 10 20 30

1967

AREAL DESIGNATIONS
HYDROLOGIC UNITS, SUBUNITS AND SUBAREAS

COLORADO RIVER BASIN DRAINAGE PROVINCE (X)

X-01.00	LUCERNE HYDRO UNIT
X-02.00	JOHNSON HYDRO UNIT
X-03.00	BESSEMER HYDRO UNIT
X-04.00	MEANS HYDRO UNIT
X-05.00	EMERSON HYDRO UNIT
X-06.00	LAVIC HYDRO UNIT
X-07.00	DEADMAN HYDRO UNIT
X-08.00	JOSHUA TREE HYDRO UNIT
X-08.40	WARREN HYDRO SUBUNIT
X-08.80	COPPER MOUNTAIN HYDRO SUBUNIT
X-09.00	DALE HYDRO UNIT
X-09.40	TWENTYNINE PALMS HYDRO SUBUNIT
X-09.80	DALE HYDRO SUBUNIT
X-10.00	BRISTOL HYDRO UNIT
X-10.40	BRISTOL HYDRO SUBUNIT
X-10.80	FENNER HYDRO SUBUNIT
X-11.00	CADIZ HYDRO UNIT
X-12.00	ORO HYDRO UNIT
X-13.00	PIUTE HYDRO UNIT
X-13.40	PIUTE HYDRO SUBUNIT
X-13.80	PIUTE HYDRO SUBUNIT
X-14.00	CHEMEHUEVIS HYDRO UNIT
X-15.00	COLORADO HYDRO UNIT
X-15.40	VIDAL HYDRO SUBUNIT
X-15.80	BIG WASH HYDRO SUBUNIT
X-15.C0	PALEN DRY HYDRO SUBUNIT
X-15.D0	PALO VERDE HYDRO SUBUNIT
X-15.T0	ARROYO SECO HYDRO SUBUNIT
X-16.00	RICE HYDRO UNIT
X-17.00	CHUCKAWALLA HYDRO UNIT
X-17.40	FORD HYDRO SUBUNIT
X-17.80	PALEN HYDRO SUBUNIT
X-17.C0	PINTO HYDRO SUBUNIT
X-17.X0	PLEASANT HYDRO SUBUNIT
X-18.00	HAYFIELD HYDRO UNIT
X-19.00	WHITEWATER HYDRO UNIT
X-19.40	MORONGO HYDRO SUBUNIT
X-19.80	SMARTS HYDRO SUBUNIT
X-19.C0	SAN GORGONIO HYDRO SUBUNIT
X-19.C1	BEAUMONT HYDRO SUBAREA
X-19.C2	SAN GORGONIO HYDRO SUBAREA
X-19.D0	COACHELLA HYDRO SUBUNIT
X-19.D1	GARNET HYDRO SUBAREA
X-19.D2	MISSION CREEK HYDRO SUBAREA
X-19.D3	MIRACLE HILL HYDRO SUBAREA
X-19.D4	SKY VALLEY HYDRO SUBAREA
X-19.D5	FARGO CANYON HYDRO SUBAREA
X-19.D6	THOUSAND PALMS HYDRO SUBAREA
X-19.D7	INDIO HYDRO SUBAREA
X-20.00	CLARK HYDRO UNIT
X-21.00	WEST SALTON SEA HYDRO UNIT
X-22.00	ANZA BORREGO HYDRO UNIT
X-22.40	BORREGO HYDRO SUBUNIT
X-22.41	TEMWILLIGER HYDRO SUBAREA
X-22.42	COLLINS HYDRO SUBAREA
X-22.43	BORREGO HYDRO SUBAREA
X-22.80	OCOTILLO-CLARK FELIPE HYDR SUBUNIT
X-22.C0	NEGRITA-LOS PUERTECITOS SUBUNIT
X-22.D0	SAN FELIPE HYDRO SUBUNIT
X-22.E0	MASON HYDRO SUBUNIT
X-22.F0	WALLECITO-CARRIZO HYDRO SUBUNIT
X-22.F1	CARRIZO HYDRO SUBAREA
X-22.F2	WALLECITO HYDRO SUBAREA
X-22.F3	CANEBRAKE HYDRO SUBAREA
X-22.G0	JACUMBA HYDRO SUBUNIT
X-22.G1	MCCAIN HYDRO SUBAREA
X-22.G2	JACUMBA HYDRO SUBAREA
X-23.00	IMPERIAL HYDRO UNIT
X-23.40	IMPERIAL HYDRO SUBUNIT
X-23.80	COYOTE WELLS HYDRO SUBUNIT
X-24.00	DAVIES HYDRO UNIT
X-25.00	EAST SALTON SEA HYDRO UNIT
X-26.00	AMOS-OGILBY HYDRO UNIT
X-27.00	YUMA HYDRO UNIT

STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES
SOUTHERN DISTRICT

HYDROLOGIC DATA, 1965

NAMES AND AREAL CODE NUMBERS OF HYDROLOGIC AREAS COLORADO RIVER BASIN DRAINAGE PROVINCE (X)

SCALE OF MILES
10 0 10 20 30

1967

KEY MAP

LEGEND

DRAINAGE PROVINCE BOUNDARY

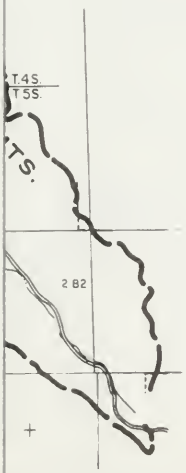
HYDROLOGIC UNIT BOUNDARY

HYDROLOGIC SUBUNIT BOUNDARY

HYDROLOGIC SUBAREA BOUNDARY

283 AREAL CODE NUMBER

WATER BEARING SEDIMENTS



STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES
SOUTHERN DISTRICT

HYDROLOGIC DATA, 1965

NAMES AND AREAL CODE NUMBERS OF HYDROLOGIC AREAS SANTA ANA DRAINAGE PROVINCE (Y)

SCALE OF MILES

3 0 3 6 9

1967

KEY MAP

STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES
SOUTHERN DISTRICT

HYDROLOGIC DATA, 1965

NAMES AND AREAL CODE NUMBERS OF HYDROLOGIC AREAS
SANTA ANA DRAINAGE PROVINCE (Y)

SCALE OF MILES

HYDROLOGIC

SAN DIEGO DRAINAGE PROVINCE

Z-01.00	SAN JUAN HYDRO UNIT
Z-01.A	LAGUNA HYDRO SUBUNIT
Z- 1.A1	SAN JOAQUIN HYDRO SUBAREA
Z-01.A2	LAGUNA HYDRO SUBAREA
Z-01.A3	ALISO HYDRO SUBAREA
Z-01.A4	DANA POINT HYDRO SUBAREA
Z-01.B0	SAN JUAN HYDRO SUBUNIT
Z-01.C0	SAN CLEMENTE HYDRO SUBUNIT
Z-01.D0	SAN MATEO HYDRO SUBUNIT
Z-01.E0	SAN ONOFRE HYDRO SUBUNIT
Z-01.E1	SAN ONOFRE HYDRO SUBAREA
Z-01.E2	LAS PULGAS HYDRO SUBAREA
Z-01.E3	STUART HYDRO SUBAREA
Z-02.00	SANTA MARGARITA HYDRO UNIT
Z-02.A0	YSIDORA HYDRO SUBUNIT
Z-02.A1	YSIDORA HYDRO SUBAREA
Z-02.A2	CHAPPO HYDRO SUBAREA
Z-02.A3	UPPER YSIDORA HYDRO SUBAREA
Z-02.B0	DE LUZ HYDRO SUBUNIT
Z-02.B1	DE LUZ HYDRO SUBAREA
Z-02.B2	CAVILAN HYDRO SUBAREA
Z-02.B3	VALLECITOS HYDRO SUBAREA
Z-02.C0	MURRIETA HYDRO SUBUNIT
Z-02.C1	WILDOMAR HYDRO SUBAREA
Z-02.C2	MURRIETA HYDRO SUBAREA
Z-02.C3	FRENCH HYDRO SUBAREA
Z-02.C4	LOWER DOMENIGONI HYDRO SUBA
Z-02.C5	DOMENIGONI HYDRO SUBAREA
Z-02.C6	DIAMOND HYDRO SUBAREA
Z-02.D0	AJULO HYDRO SUBUNIT
Z-02.D1	AJUL HYDRO SUBAREA
Z-02.D2	GERTRUDIS HYDRO SUBAREA
Z-02.D3	LOWER TUCALOTA HYDRO SUBARE
Z-02.D4	TUCALOTA HYDRO SUBAREA
Z-02.E0	PECHANGA HYDRO SUBUNIT
Z-02.E1	PAUBA HYDRO SUBAREA
Z-02.E2	PECHANGA HYDRO SUBAREA
Z-02.F0	WILSON HYDRO SUBUNIT
Z-02.F1	LANCASTER VALLEY HYDRO SUBA
Z-02.F2	LEWIS HYDRO SUBAREA
Z-02.F3	WILSON HYDRO SUBAREA
Z-02.G0	ANZA HYDRO SUBUNIT
Z-02.G1	LOWER COAHUILA HYDRO SUBARE
Z-02.G2	UPPER COAHUILA HYDRO SUBARE
Z-02.G3	ANZA HYDRO SUBAREA
Z-02.G4	BURNT HYDRO SUBAREA
Z-02.H0	AGUANGA HYDRO SUBUNIT
Z-02.H1	VAIL HYDRO SUBAREA
Z-02.H2	DEVILS HOLE HYDRO SUBAREA
Z-02.H3	REDEC HYDRO SUBAREA
Z-02.H4	AGUANGA HYDRO SUBAREA
Z-02.I0	OAKGROVE HYDRO SUBUNIT
Z-02.I1	LOWER CULP HYDRO SUBAREA
Z-02.I2	OAKGROVE HYDRO SUBAREA
Z-02.I3	DODGE HYDRO SUBAREA
Z-02.I4	CHIMUAHUA HYDRO SUBAREA
Z-03.00	SAN LUIS REY HYDRO UNIT
Z-03.A0	BONSALL HYDRO SUBUNIT
Z-03.A1	MISSION HYDRO SUBAREA
Z-03.A2	BONSALL HYDRO SUBAREA
Z-03.A3	MOOSA HYDRO SUBAREA
Z-03.A4	VALLEY CENTER HYDRO SUBAREA
Z-03.A5	WOODS HYDRO SUBAREA
Z-03.A6	RINCON HYDRO SUBAREA
Z-03.B0	MONSERATE HYDRO SUBUNIT
Z-03.B1	PALA HYDRO SUBAREA
Z-03.B2	PAUMA HYDRO SUBAREA
Z-03.B3	SAN LUIS REY HYDRO SUBAREA
Z-03.C0	WARNER HYDRO SUBUNIT
Z-03.C1	WARNER HYDRO SUBAREA
Z-03.C2	COMBS HYDRO SUBAREA
Z-04.00	CARLSBAD HYDRO UNIT
Z-04.AC	LOMA ALTA HYDRO SUBUNIT
Z-04.B0	VISTA HYDRO SUBUNIT
Z-04.B1	CARLSBAD HYDRO SUBAREA
Z-04.B2	VISTA HYDRO SUBAREA
Z-04.C0	AGUA MEDIONDA HYDRO SUBUNIT
Z-04.C1	AGUA MEDIONDA HYDRO SUBAREA
Z-04.C2	BUENA HYDRO SUBAREA
Z-04.D0	ENCINAS HYDRO SUBUNIT
Z-04.E0	SAN MARCOS HYDRO UNIT
Z-04.E1	BATIQUITOS HYDRO SUBAREA
Z-04.E2	SAN MARCOS HYDRO SUBAREA
Z-04.E3	TWIN OAKS HYDRO SUBAREA
Z-04.F0	ESCONDIDO HYDRO SUBUNIT
Z-04.F1	SAN PASQUAL HYDRO SUBAREA
Z-04.F2	ESCONDIDO HYDRO SUBAREA
Z-04.F3	LAKE WOHLFORD HYDRO SUBAREA
Z-05.00	SAN DIEGUITO HYDRO UNIT
Z-05.A0	SAN DIEGUITO HYDRO SUBUNIT
Z-05.A1	SAN DIEGUITO HYDRO SUBAREA
Z-05.A2	LA JOLLA HYDRO SUBAREA
Z-05.B0	HODGES HYDRO SUBUNIT
Z-05.B1	HODGES HYDRO SUBAREA
Z-05.B2	GREEN HYDRO SUBAREA
Z-05.B3	FELICITA HYDRO SUBAREA
Z-05.B4	ARAR HYDRO SUBAREA
Z-05.C0	SAN PASQUAL HYDRO SUBUNIT
Z-05.C1	HIGHLAND HYDRO SUBAREA
Z-05.C2	SAN PASQUAL HYDRO SUBAREA
Z-05.C3	REED HYDRO SUBAREA
Z-05.C4	HIDDEN HYDRO SUBAREA
Z-05.C5	SUEJITO HYDRO SUBAREA
Z-05.C6	VINEYARD HYDRO SUBAREA
Z-05.D0	SANTA MARIA VALLEY HYDRO SUBU
Z-05.D1	RAMONA HYDRO SUBAREA
Z-05.D2	LOWER HATFIELD HYDRO SUBARE
Z-05.D3	WASH HOLLOW HYDRO SUBAREA
Z-05.D4	UPPER HATFIELD HYDRO SUBARE
Z-05.D5	BALLENA HYDRO SUBAREA
Z-05.D6	EAST SANTA TERESA HYDRO SUB
Z-05.D7	WEST SANTA TERESA HYDRO SUB
Z-05.E0	SANTA YSABEL HYDRO SUBUNIT
Z-05.E1	BODEN HYDRO SUBAREA
Z-05.E2	PAMO HYDRO SUBAREA
Z-05.E3	SUTHERLAND HYDRO SUBAREA
Z-05.E4	SANTA YSABEL HYDRO SUBAREA

KEY MAP

LEGEND

DRAINAGE PROVINCE BOUNDARY

HYDROLOGIC UNIT BOUNDARY

HYDROLOGIC SUBUNIT BOUNDARY

HYDROLOGIC SUBAREA BOUNDARY

283 AREAL CODE NUMBER

WATER BEARING SEDIMENTS

STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES
SOUTHERN DISTRICT

HYDROLOGIC DATA, 1965

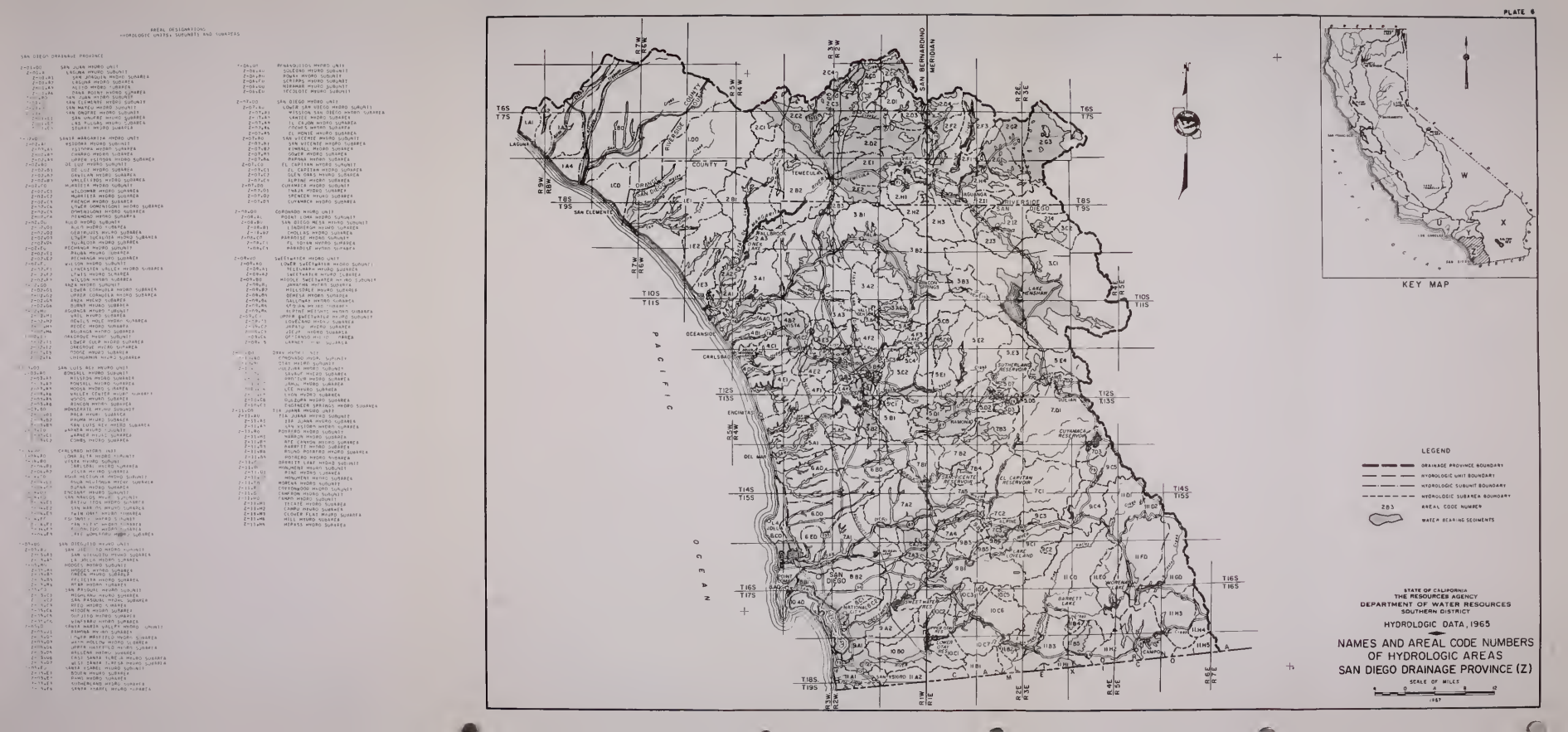
NAMES AND AREAL CODE NUMBERS OF HYDROLOGIC AREAS SAN DIEGO DRAINAGE PROVINCE (Z)

SCALE OF MILES

4 0 4 8 12

1967

PLATE 6


AREAL DESIGNATIONS
HYDROLOGIC UNITS, SUBUNITS AND SUBAREAS
SAN DIEGO DRAINAGE PROVINCE
SAN JUAN HYDRO UNIT
LAGUNA HYDRO SUBUNIT
SAN JOAQUIN HYDRO SUBAREA
LAGUNA HYDRO SUBAREA
LOS PINOS HYDRO SUBAREA
PINE RIDGE HYDRO SUBAREA
SAN JUAN HYDRO SUBUNIT
SAN CLEMENTE HYDRO SUBUNIT
SAN MATEO HYDRO SUBUNIT
SAN ONOFRE HYDRO SUBAREA
SAN MATEO HYDRO SUBAREA
LAS PULGAS HYDRO SUBAREA
STUART HYDRO SUBAREA
SANTA MARGARITA HYDRO UNIT
MISSION HYDRO SUBUNIT
VISTA HYDRO SUBAREA
CHARRO HYDRO SUBAREA
UPPER VISTA HYDRO SUBAREA
DE LUZ HYDRO SUBUNIT
DE LUZ HYDRO SUBAREA
GAVILAN HYDRO SUBAREA
SANDIA CREEK HYDRO SUBAREA
ARROYO DE LA MISA HYDRO SUBAREA
WILDOMAR HYDRO SUBAREA
MURRIETA HYDRO SUBAREA
FRENCH HYDRO SUBAREA
LOWER DOMENIGONI HYDRO SUBAREA
DOMENIGONI HYDRO SUBAREA
TEMECULA HYDRO SUBAREA
RIVERSIDE HYDRO UNIT
RIALTO HYDRO SUBUNIT
COLTON HYDRO SUBAREA
CRAFTON HILLS HYDRO SUBAREA
SAN TIMOTEO HYDRO SUBAREA
MECHANICA HYDRO SUBUNIT
MECHANICA HYDRO SUBAREA
RIALTO HYDRO SUBAREA
MECHANICA HYDRO SUBAREA
WILSON HYDRO SUBUNIT
LYNCASTER VALLEY HYDRO SUBAREA
LYTLE HYDRO SUBAREA
WILSON HYDRO SUBAREA
SAN TIMOTEO HYDRO SUBAREA
LOWER CAMARILLA HYDRO SUBAREA
UPPER CAMARILLA HYDRO SUBAREA
ARIAS HYDRO SUBAREA
SUBAT HYDRO SUBAREA
AGUANGA HYDRO SUBUNIT
LYTLE HYDRO SUBAREA
NEWLIN MILL HYDRO SUBAREA
PEDRO HYDRO SUBAREA
TEMECULA HYDRO SUBUNIT
TEMECULA HYDRO SUBAREA
LOWER TEMECULA HYDRO SUBAREA
CANCHILLA HYDRO SUBAREA
MOORE HYDRO SUBAREA
BENJAMIN HYDRO SUBAREA
SAN LUIS REY HYDRO UNIT
BONSALL HYDRO SUBUNIT
MISSION HYDRO SUBAREA
PONSELL HYDRO SUBAREA
LOMA ALTA HYDRO SUBAREA
VALLEY CENTER HYDRO SUBAREA
WOOD HYDRO SUBAREA
RINCON HYDRO SUBAREA
MONSERATE HYDRO SUBUNIT
PALA HYDRO SUBAREA
PAUMA HYDRO SUBAREA
SAN LUIS REY MESSO SUBAREA
WARNER HYDRO SUBUNIT
PALOMAR HYDRO SUBAREA
CORRO HYDRO SUBAREA
CARLSBAD HYDRO UNIT
LOMA ALTA HYDRO SUBUNIT
VISTA HYDRO SUBAREA
CARLSBAD HYDRO SUBAREA
ALTA HYDRO SUBAREA
ESCONDIDO HYDRO SUBUNIT
SAN MARCOS HYDRO SUBAREA
ENCINAS HYDRO SUBUNIT
SAN MARCOS HYDRO SUBAREA
BATIQUITOS HYDRO SUBAREA
SAN MARCOS HYDRO SUBAREA
TWIN OAKS HYDRO SUBAREA
ESCONDIDO HYDRO SUBUNIT
SAN DIEGUITO HYDRO UNIT
SAN DIEGUITO HYDRO SUBUNIT
SAN DIEGUITO HYDRO SUBAREA
LA ZORRA HYDRO SUBAREA
HODGES HYDRO SUBUNIT
HODGES HYDRO SUBAREA
SAN PASQUAL HYDRO UNIT
FELICITA HYDRO SUBAREA
RYAN HYDRO SUBAREA
SAN PASQUAL HYDRO SUBUNIT
MESA GRANDE HYDRO SUBAREA
SAN PASQUAL HYDRO SUBAREA
DIEGUITO HYDRO SUBAREA
HODGES HYDRO SUBAREA
DUPLEX HYDRO SUBAREA
SANTA MARIA HYDRO UNIT
SANTA MARIA VALLEY HYDRO SUBUNIT
RAMONA HYDRO SUBAREA
MESA HYDRO SUBAREA
SANTA MARIA VALLEY HYDRO SUBAREA
SANTA ISABEL HYDRO SUBUNIT
SUAN HYDRO SUBAREA
SUTHERLAND HYDRO SUBAREA
SUTHERLAND HYDRO SUBAREA
SANTA MARIA HYDRO SUBAREA
SAN DIEGO HYDRO UNIT
LOWER SAN DIEGO HYDRO SUBUNIT
MISSION SAN DIEGO HYDRO SUBAREA
SANTEE HYDRO SUBAREA
FLOODPLAIN HYDRO SUBAREA
MISSION HYDRO SUBAREA
EL MONTE HYDRO SUBAREA
SAN VICENTE HYDRO SUBUNIT
SAN VICENTE HYDRO SUBAREA
KENWALL HYDRO SUBAREA
GOWER HYDRO SUBAREA
PAPAYA HYDRO SUBAREA
EL CAPITAN HYDRO SUBUNIT
EL CAPITAN HYDRO SUBAREA
GLEN OAKS HYDRO SUBAREA
EL CAPITAN HYDRO SUBAREA
CUYAMACA HYDRO SUBAREA
TARJA HYDRO SUBAREA
SPENCER HYDRO SUBAREA
CUYAMACA HYDRO SUBAREA
CORONADO HYDRO UNIT
POINT LOMA HYDRO SUBUNIT
SAN DIEGO MESA HYDRO SUBUNIT
LINDBERGH HYDRO SUBAREA
HOLLAS HYDRO SUBAREA
PARADISE HYDRO SUBAREA
EL TOYON HYDRO SUBAREA
PARADISE HYDRO SUBAREA
SWEETWATER HYDRO UNIT
LOWER SWEETWATER HYDRO SUBUNIT
TELEGRAPH HYDRO SUBAREA
SWEETWATER HYDRO SUBAREA
MIDDLE SWEETWATER HYDRO SUBUNIT
HARVEST HYDRO SUBAREA
HILLCREST HYDRO SUBAREA
BONITA HYDRO SUBAREA
SALTAIRE HYDRO SUBAREA
AFRICAN HYDRO SUBAREA
ALPINE HYDRO SUBAREA
UPPER SWEETWATER HYDRO SUBUNIT
LOVELAND HYDRO SUBAREA
JAPATUL HYDRO SUBAREA
DESCANSO HYDRO SUBAREA
DESCANSO HYDRO SUBAREA
LARKEY HYDRO SUBAREA
OTAY HYDRO UNIT
OTAY HYDRO SUBUNIT
SAVAGE HYDRO SUBAREA
OTAY LOW HYDRO SUBAREA
OTAY HYDRO SUBAREA
LOWER OTAY HYDRO SUBAREA
DULZURA HYDRO SUBAREA
EUCALYPTUS HYDRO SUBAREA
TIA JUANA HYDRO UNIT
TIA JUANA HYDRO SUBUNIT
TIA JUANA HYDRO SUBAREA
OTAY MOUNTAIN HYDRO SUBAREA
PONTERO HYDRO SUBUNIT
HARBISON HYDRO SUBAREA
RYE CANYON HYDRO SUBAREA
OTAY MESA HYDRO SUBAREA
MONUMENT HYDRO SUBAREA
MONUMENT HYDRO SUBUNIT
PINE HYDRO SUBAREA
MOUNTAIN HYDRO SUBAREA
MORENA HYDRO SUBUNIT
CUYAMACA HYDRO SUBUNIT
LAKE HYDRO SUBAREA
LAKE MORENA HYDRO SUBAREA
ESCAPE HYDRO SUBAREA
CAMPO HYDRO SUBAREA
CLOVER FLAT HYDRO SUBAREA
HILL HYDRO SUBAREA
HIPASS HYDRO SUBAREA
PACIFIC OCEAN
SAN BERNARDINO MERIDIAN
COUNTY
SAN DIEGO
RIVERSIDE
ORANGE
SAN CLEMENTE
OCEANSIDE
CARLSBAD
ENCINITAS
DEL MAR
LAGUNA
TEMECULA
RAINBOW
BALLENA
LAKE HENSHAW
SUTHERLAND RESERVOIR
CUYAMACA RESERVOIR
EL CAPITAN RESERVOIR
LAKE MURRAY
MURRAY RESERVOIR
SWEETWATER RESERVOIR
LOWER OTAY RESERVOIR
BARRETT LAKE
MORENA RESERVOIR
LAKE CUYAMACA
MORENA
BARRETT
CAMPO
JULIAN
RANCHITA
SAN DIEGUITO HYDRO II A2
T6S T7S
T8S T9S
T10S T11S
T12S T13S
T14S T15S
T16S T17S
T18S T19S
R1W R2W
R3W R4W
R5W R6W
R1E R2E
R3E R4E
R5E R6E
KEY MAP
LEGEND
DRAINAGE PROVINCE BOUNDARY
HYDROLOGIC UNIT BOUNDARY
HYDROLOGIC SUBUNIT BOUNDARY
HYDROLOGIC SUBAREA BOUNDARY
AREAL CODE NUMBER
WATER BEARING SEDIMENTS
STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES
SOUTHERN DISTRICT
HYDROLOGIC DATA, 1965
NAMES AND AREAL CODE NUMBERS
OF HYDROLOGIC AREAS
SAN DIEGO DRAINAGE PROVINCE (Z)
SCALE OF MILES
1967

LEGEND

SOUTHERN DISTRICT BOUNDARY

.....5..... MEAN SEASONAL PRECIPITATON FOR 50 YEAR PERIOD, 1897-1947

—10— SEASONAL PRECIPITATION, JULY 1, 1964-JUNE 30, 1965

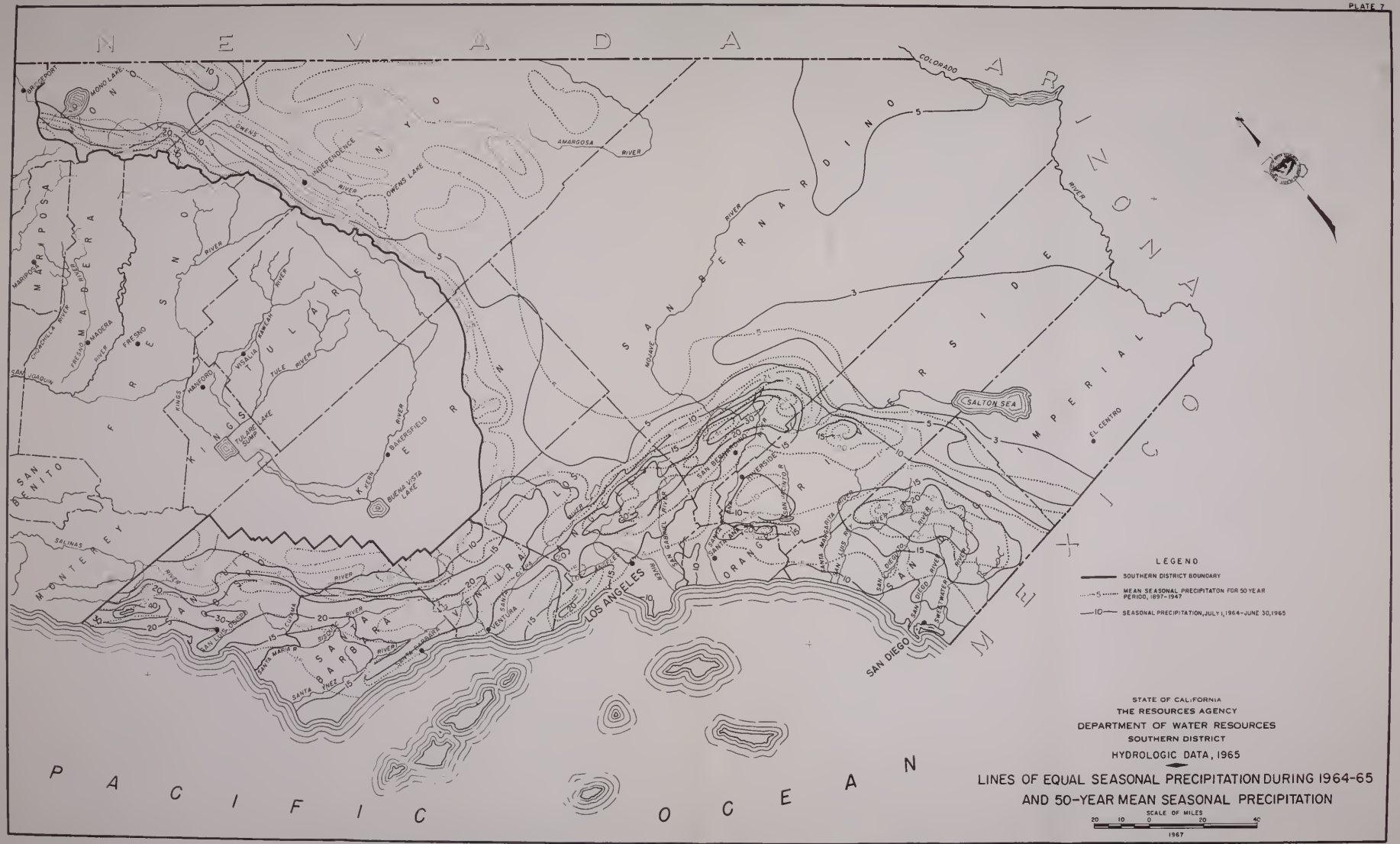
STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES
SOUTHERN DISTRICT

HYDROLOGIC DATA, 1965

JAL SEASONAL PRECIPITATION DURING 1964-65
O-YEAR MEAN SEASONAL PRECIPITATION

SCALE OF MILES
20 10 0 20 40

1967



STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES
SOUTHERN DISTRICT

HYDROLOGIC DATA, 1965

LINES OF EQUAL SEASONAL PRECIPITATION DURING 1964-65 AND 50-YEAR MEAN SEASONAL PRECIPITATION